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Md State Board of

Commercial Fertilizers for 1928

This Bulletin contains advanced information concerning the composition of the various fertilizers which will be found upon the Maryland Market during 1928.

STATE FERTILIZER INSPECTION SERVICE
Controlled by
UNIVERSITY OF MARYLAND
COLLEGE PARK, MD.

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COMMERCIAL FERTILIZERS FOR 1928.

Compiled and edited under the supervision of N. E. Gordon, State Chemist; and L. E. Bopst, Assistant.

INTRODUCTION

This publication is the 1928 number of the fertilizer registration bulletin issued annually, on January 15th, by the Maryland Inspection Service. In it are listed and described all brands of fertilizer which had been registered for 1928 delivery up to the date of going to press (January 12th).

The data here compiled are presented for the information and guidance of prospective purchasers of fertilizers. Every successful planter realizes that two brands of fertilizer of exactly the same grade may produce widely differing results when applied to a given soil and crop. It is only by taking into consideration the ingredients from which the various plant foods are derived that an intelligent selection can be made.

The conscientious manufacturer is likewise aided by the dissemination of this information. The success of his business depends upon satisfied customers and any device which aids the buyer in selecting the goods best suited to his needs reacts, in the long run, toward the greater prosperity of the fertilizer industry. Furthermore, the publicity so obtained should not be rated too lightly. Many buyers wisely refuse to purchase brands concerning which they have not complete information.

Since this publication was first placed upon an annual basis, constant efforts have been made to enlist the co-operation of manufacturers to the end that the ideal of one hundred per cent. advance registration might be approached. The response has not been as yet all that could be desired, although continual improvement is noticeable. Of the 1,014 brands registered in 1926, only 367, or about one-third, appeared in the January bulletin. Over one-half, or 519 out of 993 brands registered in 1927, were listed in January. The present issue includes 532 brands.

The Department wishes to assure fertilizer buyers that registration information is available to them at all times and that all inquiries concerning brands licensed subsequent to the appearance of this publication will be promptly answered.

The Maryland Standard Twelve

Agriculture is beginning to awaken to the fact that some of the principles of standardization which have proved so profitable in other industries are applicable to its own problems. Agricultural authorities and fertilizer manufacturers themselves have long realized that a considerable annual loss is

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sustained by fertilizer users generally by reason of the needless multiplicity of brands and analyses which encumber the market. With a view to remedying that situation the Maryland Department of Soils some years ago selected and recommended twelve analyses which offer a range adapted to the crop and soil conditions of all sections of the State. It will be noted that all of these are "high-grade" mixtures—that is, they all contain fourteen or more units of plant food. The following table shows the amounts of these brands sold during the past five years.

SALES OF THE MARYLAND STANDARD-TWELVE, 1922-23-24-25-26

Analysis	Units of Plant Food	Tons Sold 1922	Tons Sold 1923	Tons Sold 1924	Tons Sold 1925	Tons Sold 1926
7-6-5	18	7,456	9,084	10,106	6,681	8,131.28
4-8-4	16	4,227	4,800	6,207	6,407	5,162.49
5-8-5	18	3,090	4,269	4,980	5,843	8,281.70
2-12-2	16	1,652	1,786	3,414	3,596	3,080.21
0-12-6	18	818	952	1,344	1,490	1,567.80
0-10-4	14	696	753	754	251	383.40
10-5-0	15	251	133	173	140	415.78
2-12-4	18	0	116	1,186	1,238	2,229.77
3-10-6	19	0	10	316	1,168	1,106.20
6-8-4	18	0	0	116	86	89.
3-8-8	19	0	0	936	1,185	2,209.
4-12-0	16	0	0	.1	0	0.
Total Tons Sold		18,190	21,903	29,532.1	28,085	32,656.
Percentage of Total Tonnage		11.6%	14.1%	19.5%	16.9%	20%

The general trend of the tonnage of the above brands has been upward but too gradually to have any effect on production costs or prices.

The following pages contain a detailed list, together with the composition, of the different brands of fertilizer registered for 1928 delivery:

FIRMS AND BRANDS	Ammonia											Phosphoric Acid—Available				Potash—Soluble		
	Sulphate	Nitrate of Soda	Tankage	Fish	Bone	Base Goods	Cyanamid	Garbage Tankage	Cocoa Shell Meal	Humus		Acid Phosphate	Tankage	Fish	Double Superphosphate	Muriate	Manure Salts	Sulphate
American Agricultural Chemical Co., New York, N. Y.																		
Neptune Fish Fertilizer, 1-9-4	.3		.25	.2			.25					8.1	.9			2.	2.	
Pulverized Sheep & Goat Manure, 1½-1-2																		
Gold Eagle Fertilizer, 3-8-8	1.50		.75				.75					7.2	.8			4.	4.	
Climax Fertilizer, 3-10-6	1.50		.75				.75					9.	1.			3.	3.	
Gladiator Fertilizer, 4-8-7	2.		1.				1.					7.2	.8			3.5	3.5	
Ground Tankage, 6-13.73 T. P. A																		
Tomato Fertilizer, 2-8-5	1.		.5				.5					7.2	.8			2.5	2.5	
Nitrate of Soda, 18.23-0-0																		
Sulphate of Potash, 0-0-48																		
Muriate of Potash, 0-0-48																		
Kainit, 0-0-12.40																		
Pure Raw Bone, 4½-20.60 T. P. A.																		
Fine Ground Bone, 3-22.89 T. P. A.																		
Ground Tankage, 9-9.15 T. P. A.																		
Kangaroo Komplete Kompund, 2-9-3	1.		.5				.5					8.1	.9			1.5	1.5	
10% Plant Bed Fertilizer, 10-5-0	5.	2.	1.5				1.5					4.5	.5					
Early Trucker Fertilizer, 5-8-5	2.5	.5	1.	.5			.5					7.2	.4	.4		2.5	2.5	
Red Leaf Tobacco Fert. (Sulphate), 4-8-10	2.		1.				1.					7.2	.8					10.
Golden Leaf Tobacco Fertilizer (Sulphate) 4-8-7	2.		1.				1.					7.2	.8					7.
Monarch Fertilizer, 4-8-4	2.		1.				1.					7.2	.8			2.	2.	
Sweepstakes Tobacco Fertilizer (Sulphate), 3-8-3	1.5		.6	.45			.45					7.2	.8					3.
Double Strength Fertilizer, 2-16-8	1.		.4	.2			.4					8.	1.6	1.6	4.8	4.	4.	
Farmer's Friend Fertilizer, 2-12-4	1.		.5				.5					10.8	1.2			2.	2.	
Red Dragon Fertilizer, 2-12-2	1.		.5				.5					10.8	1.2			1.	1.	
Old Hickory Fertilizer, 2-8-10	1.		.5				.5					7.2	.8			5.	5.	
Red Dog Fertilizer. 2-8-5	1.		.5				.5					7.2	.8			2.5	2.5	
Acme Fertilizer, 1-9-4	.5		.25				.25					8.1	.9			2.	2.	

FIRMS AND BRANDS	Ammonia											Phosphoric Acid—Available				Potash—Soluble		
	Sulphate	Nitrate of Soda	Tankage	Fish	Bone	Base Goods	Cyanamid	Garbage Tankage	Cocoa Shell Meal	Humus		Acid Phosphate	Tankage	Fish	Bone	Muriate	Manure Salts	Kainit
American Agricultural Chemical Co., N. Y.—Cont.																		
Victory Mixture, 0-12-5												12.				2.5	2.5	
Agrico Fertilizer for Potatoes, 4-8-6	2.		1.				1.					7.2	.8			3.	3.	
Agrico Fertilizer for Corn, 3-10-6	1.5		.6	.45			.45					9.	.5	.5		3.	3.	
Agrico Fertilizer for Grain, 2-12-4	1.		.5				.5					10.8	1.2			2.	2.	
Agrico Fertilizer for Truck, 5-10-5	2.5	.5	1.	.5			.5					9.	.5	.5		2.5	2.5	
Top Dresser Fertilizer, 5-8-0	2.5	.5	1.	.5			.5					7.2	.4	.4				
Basic Lime Phosphate, 0-13-0												13.						
Detrick's Gold Basis Fertilizer, 7-6-5	4.2	.7	.7	.7			.7					5.4	.3	.3		2.5	2.5	
Listers Royal Fertilizer, 5-8-5	2.5		1.25				1.25					7.2	.8			2.5	2.5	
Listers Regal Fertilizer, 4-8-4	2.		1.				1.					7.2	.8			2.	2.	
Listers Success Fertilizer, 2-9-3	1.		.5				.5					8.1	.9			1.5	1.5	
Listers Golden Crown Fertilizer, 2-8-10	1.		.5				.5					7.2	.8			5.	5.	
Listers Harvest Queen Fertilizer, 2-8-5	1.		.5				.5					7.2	.8			2.5	2.5	
Listers G Brand Fertilizer, 1-9-4	.5		.25				.25					8.1	.9			2.	2.	
Patapsco Unexcelled Fertilizer, 4-8-4	2.		1.				1.					7.2	.8			2.	2.	
Patapsco Big Chief Fertilizer, 2-8-5	1.		.5				.5					7.2	.8			2.5	2.5	
Patapsco Coon Brand Fertilizer, 1-9-4	.5		.25				.25					8.1	.9			2.	2.	
Patapsco Apex Mixture, 0-12-5												12.				2.5	2.5	
Slingluff's Plant Bed Fertilizer, 10-5-2	5.	2.	1.5				1.5					4.5	.5			1.	1.	
Wheeler's H. G. Superphosphate, 0-16-0												16.						
Wooldridge's Florida Superphosphate, 0-14-0												14.						
Patapsco H. G. Superphosphate, 0-16-0												16.						
Listers H. G. Superphosphate, 0-16-0												16.						
A. A. Superphosphate, 0-16-0												16.						
American South Pacific Co., Inc., New York, N. Y.																		
Nitrate of Soda, 18.08-0-0																		

FIRMS AND BRANDS	Ammonia											Phosphoric Acid—Available				Potash—Soluble		
	Sulphate	Nitrate of Soda	Tankage	Fish	Bone	Base Goods	Cyanamid	Garbage Tankage	Cocoa Shell Meal	Cotton Seed Meal	Ammonium Sulphate Nitrate	Acid Phosphate	Tankage	Fish	Bone	Muriate	Manure Salts	Sulphate
Anglo-Chilean Nitrate Sales Corp., New York, N. Y.																		
Nitrate of Soda. 18.84-0-0																		
Armour Fertilizer Works,, Baltimore, Maryland.																		
Lime Phosphate, 0-13-0												13.						
Big Crop Acid Phosphate, 0-16-0												16.						
Big Crop Superphosphate, 0-20-0												20.						
Big Crop, 0-10-4												10.					4.	
Big Crop, 0-10-10												10.				10.		
Big Crop, 0-12-5												12.					5.	
Big Crop, 1-9-4	.75		.25									9.					4.	
Big Crop, 2-8-5	1.8		.2									8.					5.	
Big Crop, 2-8-10	1.8		.2									8.				7.5	2.5	
Big Crop Bone Mixture, 2-9-3	1.4		.2		.4							7.5			1.5		3.	
Big Crop, 2-12-2	1.8		.2									12.					2.	
Big Crop, 2-12-4	1.8		.2									12.					4.	
Big Crop, 2-16-8											2.	16.				8.		
Big Crop Sweet Potato Grower, 3-8-8			.15	.15							2.7	8.				4.	4.	
Big Crop Tomato Grower, 3-10-6			.15	.15							2.7	10.				2.	4.	
Big Crop, 4-8-4			.4								3.6	8.					4.	
Big Crop, 4-16-4											4.	16.				4.		
Big Crop, 5-8-5			.35	.15							4.5	8.				5.		
Big Crop Tobacco Grower, 6-8-4		.6	.7							.8	3.9	8.						4.
Lawn and Garden Grower, 6-8-6	3.										3.	8.						6.
Big Crop, 7-6-5			.55	.15							6.3	6.				5.		
Big Crop Truck Grower, 7-12-7											7.	12.				7.		
Big Crop, 10-5-2			1.								9.	5.				2.		
Big Crop, 10-9-8											10.	9.				8.		
Big Crop Bone Meal, 3-21.97 T. P. A.																		

FIRMS AND BRANDS	Ammonia											Phosphoric Acid—Available				Potash—Soluble		
	Sulphate	Nitrate of Soda	Tankage	Fish	Bone	Base Goods	Cyanamid	Garbage Tankage	Cocoa Shell Meal	Humus	Cocoa Meal	Acid Phosphate	Tankage	Fish	Bone	Muriate	Manure Salts	Sulphate
Armour Fertilizer Works, Baltimore, Maryland—Cont.																		
Big Crop Raw Bone Meal, 4½-21.51 T. P. A.																		
Nitrate of Soda, 18-0-0																		
Muriate of Potash, 0-0-48																		
Kainit, 0-0-12																		
Ground Animal Tankage, 9-0-0																		
Sheep and Goat Manure, 1½-1-2½																		
Baltimore Fertilizer Co., Baltimore, Md.																		
Honest, 3-8-5	2.																	
Tobacco Bed Mixture, 10-4-2	7.25	1.	.25				.5	.25			.25	8.				1.	4.	
Honest, 2-8-5	1.		.25					.5			.5	3.6	.4					2.
Honest Acid Phosphate, 0-16-0							.5				.25	8.					5.	
Honest, 0-12-5												16.						
Honest, 1-9-4	.25											12.					5.	
Honest, 2-8-10	1.						.25	.25			.25	9.					4.	
Honest, 4-8-4	3.						.5	.25			.25	8.				6.	4.	
Honest, 4-8-7	3.						.5	.25			.25	8.					4.	
Honest Trucker, 5-7-5	4.						.5	.25			.25	7.				2.	3.	
Barrett Co., New York, N. Y.																		
Arcadian Sulphate of Ammonia, 25.25-0-0																		
Sulphate of Ammonia, 25-0-0																		
Baugh & Sons Co., Baltimore, Md.																		
Raw Bone Meal, 4½-21½ T. P. A.																		
Bone Meal, 3-23 T. P. A.																		

FIRMS AND BRANDS	Ammonia											Phosphoric Acid—Available				Potash—Soluble		
	Sulphate	Nitrate of Soda	Tankage	Fish	Bone	Base Goods	Cyanamid	Garbage Tankage	Cocoa Shell Meal	Humus		Acid Phosphate	Tankage	Fish	Bone	Muriate	Manure Salts	Sulphate
Baugh & Sons Co., Baltimore, Md.—Cont.																		
Half and Half Mixture with Potash 1½-10-5					1.5							8.			2.	5.		
New Process 10% Guano, 10-5-0	9.		1.									4.5	.5					
7% Potato Guano, 7-6-5	4.6	1.	.9	.5								5.3	.5	.2		4.	1.	
Peruvian Guano Substitute, 5-8-5	3.9		1.1									7.5	.5			4.	1.	
Double Power Fertilizer, 4-16-4	3.3		.7									15.5	.5			4.		
Balanced Plant Food, 4-12-4	3.		1.									11.5	.5			4.		
Half Century Perfection Brand, 4-8-7	2.8		1.2									7.5	.5			5.	2.	
Special Tobacco Guano, 4-8-4	2.8		1.2									7.5	.5					4.
Fish Bone and Potash, 4-8-4	2.7		.8	.4	.1							7.	.5	.2	.3	2.	2.	
Sweet Potato Guano, 3-8-8	2.		.5	.5								7.5	.3	.2		8.		
Grand Rapid Guano, 3-10-3	2.2		.8									9.5	.5				3.	
Yucatan Tobacco Guano, 3-8-3	2.2		.8									7.5	.5					3.
Commercial Superphosphate, 2-8-10	1.2		.8									7.5	.5			10.		
Complete Animal Base Fertilizer, 2-8-5	1.2		.8									7.5	.5			1.	4.	
Special Potato Manure, 2-8-5	1.2		.8									7.5	.5			1.	4.	
Double Eagle Phosphate, 2-12-4	1.2		.8									11.5	.5			4.		
The Old Standby, 2-12-2	1.2		.8									11.5	.5				2.	
Corn and Oats Fertilizer, 2-12-2	1.2		.8									11.5	.5				2.	
Wheat Fertilizer for Wheat and Grass, 2-9-3	1.2		.8									8.5	.5				3.	
Tomato Compound, 2-9-3	1.2		.8									8.5	.5				3.	
Fish Mixture, 2-9-3	1.		.5	.5								8.6	.2	.2			3.	
Animal Base and Potash Compound, 2-9-3	1.2		.8									8.5	.5				3.	
Excelsior Guano, 1-9-4	.5		.5									8.5	.5			1.	3.	
Acid Phosphate, 0-20-0												20.						
Acid Phosphate, 0-16-0												16.						
Lime and Phosphate, 0-13-0												13.						
Phosphate and Potash Mixture, 0-10-10												10.				7.	3.	
Phosphate and Potash Mixture, 0-12-5												12.				2.	3.	

FIRMS AND BRANDS	Ammonia											Phosphoric Acid—Available				Potash—Soluble		
	Sulphate	Nitrate of Soda	Tankage	Fish	Bone	Base Goods	Cyanamid	Garbage Tankage	Cocoa Shell Meal	Humus		Acid Phosphate	Tankage	Fish	Bone	Muriate	Manure Salts	Kainit
Baugh & Sons Co., Baltimore, Md.—Cont.																		
Phosphate and Potash Mixture, 0-10-4												10.					4.	
Sulphate of Ammonia, 25-0-0																		
Nitrate of Soda, 18½-0-0																		
Muriate of Potash, 0-0-48																		
Genuine Imported Kainit, 0-0-12.40																		
Ground Tankage, 7-5 T. P. A.																		
Sheep Manure, 2-1-1																		
Davey Tree Expert Co., Kent, Ohio																		
Davey Tree Food, 7-8-3	4.				3.							8.				3.		
L. E. P. Dennis & Son Co., Crisfield, Md.																		
7% Fish Fertilizer, 7-6-5	4.	.9	1.05	1.05								5.74	.13	.13		5.		
2-8-5 Fish Fertilizer, 2-8-5	1.		.5	.5								7.6	.2	.2		3.		2.
5-8-5 Fish Fertilizer, 5-8-5	2.6	.6	.9	.9								7.8	.1	.1		5.		
3-8-8 Fish Fertilizer, 3-8-8	1.5		.75	.75								7.4	.3	.3		6.		2.
Diamond Fertilizer Co., Baltimore, Md.																		
All Crop Grower, 2-8-5	1.		.5	.25			.25					8.					5.	
Wonder Grower, 5-8-5	3.5		1.				.5					8.				2.5	2.5	
Acid Phosphate, 0-16-0												16.						
Dorchester Fertilizer Co., Cambridge, Maryland																		
Old Dorset 1-9-4	.75							.25				9.						4.
Farmers Favorite, 2-8-10	1.		.5				.5					8.				5.	5.	
Fish Mixture, 2-9-3	.5			1.			.5					9.						3.
Old Glory, 0-12-5												12.					5.	
Our Special, 2-8-5	1.7							.3				8.					2.	3.
Dorchester, 0-12-6												12.					6.	

FIRMS AND BRANDS	Ammonia											Phosphoric Acid—Available				Potash—Soluble		
	Sulphate	Nitrate of Soda	Tankage	Fish	Bone	Base Goods	Cyanamid	Garbage Tankage	Cocoa Shell Meal	Humus		Acid Phosphate	Tankage	Fish	Bone	Muriate	Manure Salts	Kainit
Dorchester Fertilizer Co., Cambridge, Maryland—Cont.																		
Corn Grower, 0-7-7	....	....	....	....	....	....	....	....	....	....	....	7.	....	....	....	....	....	7.
Gem, 1-11-5	.75	....	.25	....	....	....	....	....	....	....	....	11.	....	....	....	4.	1.	....
High Grade Acid Phosphate, 0-16-0	....	....	....	....	....	....	....	....	....	....	....	16.	....	....	....	....	....	....
Alsatian Kainit, 0-0-12.40	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Farmers Delight, 7-6-5	4.5	....	1.	1.	....	....	.5	....	....	....	....	6.	....	....	....	5.	....	....
Crop Compound, 4-8-7	2.5	....	.5	.5	....	....	.5	....	....	....	....	8.	....	....	....	3.5	3.5	....
Truck Grower, 5-8-5	2.7	....	1.	.5	....	....	.5	.3	....	....	....	8.	....	....	....	3.	2.	....
Sweet Potato Compound, 3-8-8	2.	....	.5	....	....	....	.5	....	....	....	....	8.	....	....	....	8.	....	....
Earp-Thomas Cultures Corp., Long Island City, N. Y.																		
Stim-U-planT, 13.37-11.71-15	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Humogerm	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Farmogerm	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Edelen Bros., Baltimore, Md.																		
10% Tobacco Bed Special with 2% Potash, 10-4-2	7.75	....	2.	....	....	....	....	.25	....	....	....	3.5	.5	....	....	....	....	*2.
Farmers' Fertilizer & Feed Co., Westminster, Maryland																		
Super Phosphate, 0-16-0	....	....	....	....	....	....	....	....	....	....	....	16.	....	....	....	....	....	....
X X, 1-9-3	.9	....	....	....	....	....	....	.1	....	....	....	9.	....	....	....	....	3.	....
Farmers' Favorite, 1-10-5	.9	....	....	....	....	....	....	.1	....	....	....	10.	....	....	....	3.	2.	....
Potato Grower, 2-8-5	1.9	....	....	....	....	....	....	.1	....	....	....	8.	....	....	....	2.	3.	....
X X X, 1-9-4	.9	....	....	....	....	....	....	.1	....	....	....	9.	....	....	....	....	4.	....
Acid and Potash, 0-12-5	....	....	....	....	....	....	....	....	....	....	....	12.	....	....	....	....	5.	....

* Sulphate.

FIRMS AND BRANDS	Ammonia											Phosphoric Acid—Available				Potash—Soluble		
	Sulphate	Nitrate of Soda	Tankage	Fish	Bone	Base Goods	Cyanamid	Garbage Tankage	Cocoa Shell Meal	Humus		Acid Phosphate	Tankage	Precipitated Phosphate	Base Goods	Muriate	Manure Salts	Kainit
Farmers & Planters Co., Salisbury, Md.																		
High Grade 7%, 7-6-5	2.	1.	2.	2.	....	....	....	....	....	....	....	6.	....	....	....	5.	....	....
High Grade 5%, 5-7-5	2.	....	2.	1.	....	....	....	....	....	....	....	7.	....	....	....	5.	....	....
Early Truck, 4-8-4	2.	....	1.	1.	....	....	....	....	....	....	....	8.	....	....	....	4.	....	....
Sweet Potato Special, 3-8-7	1.	....	1.	1.	....	....	....	....	....	....	....	8.	....	....	....	5.	2.	....
Fish and Potash, 2-8-10	1.	....	.5	.5	....	....	....	....	....	....	....	8.	....	....	....	10.	....	....
Special Fish Mixture, 2-8-5	1.	....	.5	.5	....	....	....	....	....	....	....	8.	....	....	....	3.	2.	....
Fish Mixture, 2-10-2	1.	....	.5	.5	....	....	....	....	....	....	....	10.	....	....	....	....	....	2.
General Crop Grower, 1-10-2	.5	....	.5	....	....	....	....	....	....	....	....	10.	....	....	....	....	....	2.
Special Potash Mixture, 0-12-5	....	....	....	....	....	....	....	....	....	....	....	12.	....	....	....	5.	....	....
Rock and Kainit, 0-7-5	....	....	....	....	....	....	....	....	....	....	....	7.	....	....	....	....	....	5.
F. and P. Acid Phosphate, 0-16-0	....	....	....	....	....	....	....	....	....	....	....	16.	....	....	....	....	....	....
Kainit, 0-0-12.40	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Ford Motor Co., Detroit, Mich.																		
Ford Ammonium Sulphate	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Grasselli Chemical Co., Cleveland, Ohio																		
Grasselli Odorless Plant Food, 5-13-4	5.	....	....	....	....	....	....	....	....	....	....	....	....	13.	....	4.	....	....
Griffith & Boyd Co., Baltimore, Md.																		
Double Strength Tobacco Grower, 3-9-3	.75	1.25	....	....	....	1.	....	....	....	....	....	7.5	....	....	1.5	....	....	*3.
Accomac Trucker, 5-6-5	1.25	1.25	1.	....	....	1.	.5	....	....	....	....	5.	....	....	1.	3.	2.	....
Truckers Special, 5-8-5	1.25	1.25	1.	....	....	1.	.5	....	....	....	....	7.	....	....	1.	3.	2.	....
General Crop Grower, 2-9-3	....	.5	.5	....	....	.75	.25	....	....	....	....	8.	....	....	1.	1.	2.	....
Growers Favorite, 4-8-4	.5	1.	1.	....	....	1.	.5	....	....	....	....	7.	....	....	1.	2.	2.	....
Special Potato Guano, 4-8-6	1.	1.	....	....	....	1.65	.35	....	....	....	....	7.	....	....	1.	3.	3.	....
Pure Fine Ground Bone Meal, 4½-20 T. P. A.	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
High Grade Fish and Potash Mixture, 2-12-8	....	.5	....	.5	....	.75	.25	....	....	....	....	11.	....	....	1.	8.	....	....

* Sulphate.

FIRMS AND BRANDS	Ammonia											Phosphoric Acid—Available				Potash—Soluble		
	Sulphate	Nitrate of Soda	Tankage	Fish	Bone	Base Goods	Cyanamid	Garbage Tankage	Cocoa Shell Meal	Humus		Acid Phosphate	Tankage	Fish	Base Goods	Muriate	Manure Salts	Kainit
Griffith & Boyd Co., Balto., Md.—Cont.																		
Special Formula, 2-10-4	.5	.5				.75	.25					9.			1.	2.	1.	1.
Kainit, 0-0-12.40																		
Lime Phosphate, 0-13-0												13.						
Fish, Blood and Potash, 1¾-10¼-2		.5				.5	.25	.5				9.75			.5	1.		1.
Fish and Potash Guano, 1¾-10-3		.5		.5		.5	.25					9.5			.5		1.	2.
Farmers Potato Manure, 1-8-6						.75	.25					7.25			.75	3.	3.	
Gilt Edge Crop Guano, 2-8-10	.5	.5				.75	.25					7.5			.5	10.		
Spring Crop Grower, 2½-8-4	.5	.5				1.		.5				7.			1.	3.	1.	
Special Guano, 2-8-5	.5	.5				.75	.25					7.			1.	3.	2.	
High Grade Acid Phosphate, 0-16-0												16.						
X X Potash Manure, 0-10-5												10.				1.	2.	2.
Special Grain Grower, 0-12-5												12.				1.	2.	2.
Royal Potash Guano, 1-9-4						.65	.35					8.			1.	2.	1.	1.
High Grade Economizer, 2-12-5	.5	.5				.75	.25					11.			1.	2.	2.	1.
Peerless Fertilizer, 1-10-3						.65	.35					9.			1.		1.	2.
Muriate of Potash, 0-0-48																		
Nitrate Soda, 18-0-0																		
7% Potato Guano, 7-6-5	1.5	3.5	1.25	.75								4.	1.	1.		3.	2.	
Griffith & Turner Co., Baltimore, Md.																		
Soft Ground Bone, 3-11 T. P. A.																		
Special Potato Fertilizer, 1-9-4			.5			.265	.235					8.			1.	2.	1.	1.
Ammoniated Butchers Bone, 1¼-9-1½			.75			.5						8.9	.1				1.5	
Ammoniated Alkaline Plant Food, 1-6½-1½			.5			.5						6.4	.1				1.5	
Gritco X L Plant Food, 5-8-3½		1.	1.5	.5		2.						7.8	.1	.1		1.5		2.
Special Truck Mixture, 4-8-6	.5	.5	.5	1.		1.5						7.8	.1	.1		3.	3.	
Tomato Grower, 2-8-5	.5	.5	1.									7.9	.1			3.	2.	

FIRMS AND BRANDS	Ammonia											Phosphoric Acid—Available				Potash—Soluble		
	Sulphate	Nitrate of Soda	Tankage	Fish	Bone	Base Goods	Cyanamid	Garbage Tankage	Cocoa Shell Meal	Humus		Acid Phosphate	Tankage	Fish	Base Goods	Muriate	Manure Salts	Kainit
Gro-Mor Plant Food Co., Westminster, Maryland																		
Gro-Mor Plant Food, 8-7-6	3.		5.									7.				6.		
Hagerstown Spray Material Co., Hagerstown, Md.																		
Nitrate of Soda, 18-0-0																		
Horsey, Roe & Co., Greensboro, Md.																		
Kainit, 0-0-12.40																		
Superphosphate, 0-16-0												16.						
Crop Grower, 1-9-4						1.						6.			3.			4.
Tomato F., 3-8-8	1.		1.			1.						5.			3.	6.5	1.5	
Corn Grower, 0-8-7												8.					3.	4.
0-12-5												12.					5.	
2-8-5	1.					1.						5.			3.		2.	3.
3-8-4	1.5					1.5						3.5			4.5		1.5	2.5
Hubbard Fertilizer Co., Baltimore, Md.																		
Potato Fertilizer, 4-8-7	2.	.5	1.				.5					8.				7.		
2-12-4 Fertilizer	.5		1.				.5					12.					4.	
Farmers I. X. L., 2-9-3	.5		1.				.5					9.					1.	2.
Jersey Trucker, 2-8-10	.5		1.				.5					8.				10.		
Money Maker Fertilizer, 2-8-5	.5		1.				.5					8.				2.	3.	
1-9-4 Fertilizer			.5				.5					9.					4.	
Alkaline, 0-12-5												12.				2.	3.	
Super-Phosphate, 0-16-0												16.						
7% Royal Seal, 7-6-5	3.5	1.	2.				.5					6.				5.		
New 5% Seal, 5-8-5	1.5	1.	2.				.5					8.				5.		

FIRMS AND BRANDS	Ammonia											Phosphoric Acid—Available				Potash—Soluble		
	Sulphate	Nitrate of Soda	Tankage	Fish	Bone	Base Goods	Cyanamid	Garbage Tankage	Cocoa Shell Meal	Humus	Ammonium Sulphate Nitrate	Acid Phosphate	Tankage	Fish	Bone	Muriate	Manure Salts	Kainit
Huston, Culver & Co., Seaford, Del.																		
Huston Special, 1-9-4			1.									9.					4.	
Tomato Mixture, 2-8-5		.5	1.5									8.				2.5	2.5	
Sweet Potato Mixture, 3-8-8	.5	.5	1.	1.								8.				8.		
Acid Phosphate, 0-16-0												16.						
Trucker, 3-8-5	1.		1.	1.								8.				2.5	2.5	
Strawberry Mixture, 5-8-5	2.	1.	1.	1.								8.				5.		
Huston, Culver & Co. 7%, 7-6-5	3.5	1.5	1.	1.								6.				5.		
Truck Guano, 4-8-5	1.	1.	1.	1.								8.				2.5	2.5	
Double Potash Mixture, 0-12-5												12.				2.5	2.5	
Jarecki Chemical Co., Baltimore, Md.																		
Acid Phosphate, 0-16-0												16.						
Superphosphate, 0-20-0												20.						
Fertilizer, 0-10-4												10.					4.	
Fertilizer, 2-8-5	1.8		.2									8.					5.	
Fertilizer, 0-12-5												12.					5.	
Fertilizer, 1-9-4	.75		.25									9.					4.	
Fertilizer, 2-8-10	1.8		.2									8.				7.5	2.5	
Fertilizer, 2-12-2	1.8		.2									12.					2.	
Fertilizer, 2-16-8											2.	16.				8.		
Sweet Potato Grower, 3-8-8			.15	.15							2.7	8.				4.	4.	
Tomato Grower, 3-10-6			.15	.15							2.7	10.				2.	4.	
Fertilizer, 4-16-4											4.	16.				4.		
Truckers Favorite, 5-8-5			.35	.15							4.5	8.				5.		
7% Trucker, 7-6-5			.55	.15							6.3	6.				5.		
Supertrucker, 7-12-7											7.	12.				7.		
Raw Bone Meal, 4½-21½ T. P. A.																		
Nitrate of Soda, 18-0-0																		
Muriate of Potash, 0-0-48																		
Kainit, 0-0-12																		

FIRMS AND BRANDS	Ammonia											Phosphoric Acid—Available				Potash—Soluble		
	Sulphate	Nitrate of Soda	Tankage	Fish	Bone	Base Goods	Cyanamid	Garbage Tankage	Cocoa Shell Meal	Humus		Acid Phosphate	Tankage	Fish	Bone	Muriate	Manure Salts	Kainit
Maryland Milling & Supply Co., Sykesville, Md.																		
Phosphate and Potash, 0-12-5	....	....	....	....	....	....	....	....	....	....	....	12.	....	....	....	2.5	....	2.5
Warfields "Special", 1-8-4	....	....	1.	....	....	....	....	....	....	....	....	8.	....	....	....	2.	2.	....
"1927" Mixture, 2-12-5	....	1.	1.	....	....	....	....	....	....	....	....	12.	....	....	....	2.5	2.5	....
Newmans Favorite, 2-8-5	1.	1.	....	....	....	....	....	....	....	....	....	8.	....	....	....	2.5	....	2.5
Phosphate and Potash, 0-10-5	....	....	....	....	....	....	....	....	....	....	....	10.	....	....	....	2.5	....	2.5
High Grade Acid Phosphate, 0-16.36-0	....	....	....	....	....	....	....	....	....	....	....	16.36	....	....	....	....	....	....
Medford Fertilizer Works, Medford, Md.																		
1-8-5	.5	....	....	....	....	....	.25	.25	....	....	....	8.	....	....	....	....	....	5.
1-10-5	.5	....	....	....	....	....	.25	.25	....	....	....	10.	....	....	....	....	....	5.
2-8-5	.5	....	....	....	....	....	.5	1.	....	....	....	8.	....	....	....	2.5	2.5	....
Miller Fertilizer Co., Baltimore, Md.																		
Superphosphate, 0-16-0	....	....	....	....	....	....	....	....	....	....	....	16.	....	....	....	....	....	....
Vegetable Compound, 5-8-5	1.5	1.	2.	....	....	....	.5	....	....	....	....	8.	....	....	....	5.	....	....
No. 1 Potato and Vegetable Grower, 4-8-4	2.	.5	1.	....	....	....	.5	....	....	....	....	8.	....	....	....	....	4.	....
4-8-7	2.	.5	1.	....	....	....	.5	....	....	....	....	8.	....	....	....	7.	....	....
Pimlico, 2-8-10	.5	....	1.	....	....	....	.5	....	....	....	....	8.	....	....	....	10.	....	....
2-8-5	.5	....	1.	....	....	....	.5	....	....	....	....	8.	....	....	....	2.	3.	....
Harvest Queen, 1-9-4	....	....	.5	....	....	....	.5	....	....	....	....	9.	....	....	....	....	4.	....
Natural Guano Co., Aurora, Ill.																		
"Sheep's Head" Pulverized Sheep Manure, 2.73-1-2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
G. Ober & Sons Co., Baltimore, Md.																		
Standard Southern Vegetable Compound 7%, 7-6-5	2.82	.75	2.8	.13	....	....	.5	....	....	....	....	6.	....	....	....	5.	....	....
Fruit and Vine Truck Guano, 5-8-5	2.85	.75	.8	.1	....	....	.5	....	....	....	....	8.	....	....	....	5.	....	....

FIRMS AND BRANDS	Ammonia											Phosphoric Acid—Available				Potash—Soluble		
	Sulphate	Nitrate of Soda	Tankage	Fish	Bone	Base Goods	Cyanamid	Garbage Tankage	Cocoa Shell Meal	Humus		Acid Phosphate	Tankage	Fish	Bone	Muriate	Manure Salts	Kainit
G. Ober & Sons Co., Balto., Md.—Cont.																		
Special Plant Food, 2-9-5	.9	.3	...	.03	....	....	...5	.27	....	....	....	9.	....	....	....	4.5	....	* .5
Starkey Vegetable Compound, 4-8-10	2.3	.6	.35	.1	....	....	.5	.15	....	....	....	8.	....	....	....	10.	....	....
High Grade Acid Phosphate, 0-16-0	....	....	....	....	....	....	....	....	....	....	....	16.	....	....	....	....	....	....
Twelve and Five Potash Compound, 0-12-5	....	....	....	....	....	....	....	....	....	....	....	12.	....	....	....	4.5	....	* .5
Stag Guano, 1-9-4	.105	.15	....	.03	....	....	.5	.215	....	....	....	9.	....	....	....	3.5	....	* .5
Superior Potato and Vegetable Grower, 2-8-10	.9	.3	....	.03	....	....	.5	.27	....	....	....	8.	....	....	....	9.5	....	* .5
Sweet Potato Grower, 3-8-8	1.75	.45	....	.03	....	....	.5	.27	....	....	....	8.	....	....	....	7.5	....	* .5
Super Wheat and Grain Grower, 3-12-3	1.75	.45	....	.03	....	....	.5	.27	....	....	....	12.	....	....	....	2.5	....	* .5
Starkey Truck Compound, 4-8-5	2.3	.6	.35	.1	....	....	.5	.15	....	....	....	8.	....	....	....	5.	....	....
Special Tobacco Bed Fertilizer, 10-5-2	5.89	3.17	.4	.04	....	....	.5	....	....	....	....	5.	....	....	....	....	....	*2.
Peerless Fertilizer Co. Chestertown, Md.																		
Bone Special, ½-10-4	....	....	....	....	.5	....	....	....	....	....	....	10.	....	....	....	....	2.	2.
12 and 5 "Low Grade", 0-12-5	....	....	....	....	....	....	....	....	....	....	....	12.	....	....	....	1.67	3.33	....
Kainit, 0-0-12	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Rock and Kainit "Low Grade", 0-8-6	....	....	....	....	....	....	....	....	....	....	....	8.	....	....	....	....	....	6.
American Standard, 4-6-5	1.6	.8	.8	.8	....	....	....	....	....	....	....	4.	....	2.	....	1.67	....	3.33
Peerless, 2-8-5	.8	.4	.4	.4	....	....	....	....	....	....	....	5.33	....	2.67	....	3.33	1.67	....
Sweet Potato, 2-7-7	.8	.4	.4	.4	....	....	....	....	....	....	....	4.67	....	2.33	....	2.33	4.67	....
Acid Phosphate, 0-16-0	....	....	....	....	....	....	....	....	....	....	....	16.	....	....	....	....	....	....
Fertilizer, 2-12-4	....	....	1.	....	1.	....	....	....	....	....	....	12.	....	....	....	4.	....	....
Fish Mixture, 3-8-7	1.2	.6	.6	.6	....	....	....	....	....	....	....	5.33	....	2.67	....	2.33	....	4.67
Imperial Compound, 1-9-4	....	.5	....	.5	....	....	....	....	....	....	....	6.75	....	2.25	....	.75	3.25	....
Early Trucker, 5-8-5	2.	1.	1.	1.	....	....	....	....	....	....	....	5.33	....	2.67	....	1.67	3.33	....

* Sulphate.

FIRMS AND BRANDS	Ammonia											Phosphoric Acid—Available				Potash—Soluble		
	Sulphate	Nitrate of Soda	Tankage	Fish	Bone	Base Goods	Cyanamid	Garbage Tankage	Cocoa Shell Meal	Humus		Acid Phosphate	Tankage	Fish	Bone	Muriate	Manure Salts	Tobacco Stems
Piedmont Mt. Airy Guano Co., Baltimore, Md.																		
Gold Rod, 7-6-5	3.25		2.			1.	.75					5.25	.75			5.		
Special Potato Guano, 6-6-7	3.		1.25			1.	.75					5.5	.5			7.		
5-8-5 Fertilizer	2.25		1.			1.	.75					7.6	.4			5.		
High Grade Vegetable Grower, 2-8-10	.75		.5			.5	.25					8.				10.		
Perfection Guano, 2-8-5	.75		.5			.5	.25					8.				5.		
Acid Phosphate, 0-16-0												16.						
Plant Products Co., Baltimore, Md.																		
Plantabbs, 13-15-20																		
Rasin-Monumental Co., Baltimore, Md.																		
Eastern Shore Potato Spec., 7-6-5	4.50		2.25	.25								6.				5.		
Seawall Truck Compound, 5-8-5	3.88		1.	.12								8.				5.		
High Grade Truck Compound, 4-8-7	2.88		1.	.12								8.				6.5		.5
Victoria H. G. Guano, 4-8-4	2.88		1.	.12								8.					3.5	.5
Best Tomato and Fruit Formula, 3-10-6	2.25		.65	.10								10.				4.28	1.35	.37
Hope Brand, 2-12-4	1.		1.									12.				3.3		.7
Royal Fish and Potash Mixture, 2-9-3	.55		1.1	.25	.1							9.					1.75	1.25
Vegetable Special, 2-8-10	1.08		.8	.12								8.					9.5	.5
Universal Crop Manure, 2-8-5	.88		1.	.12								8.					4.	1.
Double National Brand, 2-16-8	1.63			.1				.27				16.				4.55	3.25	.25
H. G. Potash Mixture, 0-12-5												12.					4.25	.75
Acid Phosphate, 0-16-0												16.						
Phosphate and Lime Mixture, 0-13-0												13.						
National Crop Compound, 1-9-4			.88	.12								9.					3.	1.
Double Royal Brand, 4-16-6	3.03		.85	.12								16.				5.5		.5

* Sulphate.

FIRMS AND BRANDS	Ammonia											Phosphoric Acid—Available				Potash—Soluble		
	Sulphate	Nitrate of Soda	Tankage	Fish	Bone	Base Goods	Cyanamid	Garbage Tankage	Cocoa Shell Meal	Hoof and Horn Meal	Hoof Meal	Acid Phosphate	Tankage	Fish	Bone	Muriate	Manure Salts	Kainit
Reindollar Co., Taneytown, Md.																		
Rock and Potash, 0-12-6												12.				6.		
Grain Grower, 2-10-5	.5	.5	1.									10.				5.		
Acid Phosphate, 0-16-0												16.						
W. E. Robinson & Co., Bel Air, Md.																		
Vegetable and Corn Grower, 3-8-3	2.						.5	.5				7.75	.25				3.	
Special Mixture, 2-8-5	1.						.5	.5				7.75	.25				5.	
F. S. Royster Guano Co. Baltimore, Md.																		
10% Tobacco Dresser, 10-5-2	3.6	1.4	4.9	.1								5.				2.		
Acid Phosphate, 0-16-0												16.						
2-16-8 Fertilizer	1.2		.3	.1							.4	16.				8.		
Trucker's Delight, 4-8-4	2.4		1.5	.1								8.				4.		
Banner Guano, 2-8-10	1.2		.7	.1								8.				5.	5.	
Arrow 7% Potato Guano, 7-6-5	3.4	1.	2.25	.35								6.				2.5	2.5	
Fish, Flesh and Fowl, 2-9-3	1.2		.7	.1								9.					3.	
Rational Guano, 1-9-4	.5		.5									9.					4.	
Bully Guano, 2-8-5	1.2		.7	.1								8.					5.	
Gem Guano, 2-12-4	1.2		.7	.1								12.				4.		
Verbena Guano, 5-8-5	3.		1.3	.1						.6		8.				2.5	2.5	
Ideal Guano, 3-8-8	1.8		1.1	.1								8.				3.	5.	
4-16-4 Fertilizer	2.5		1.2	.1							.2	16.				4.		
Vim Guano, 2-12-2	1.2		.46	.1				.24				12.					2.	
Phosphate and Potash, 0-12-5												12.					5.	
Comet Guano, 3-10-6	1.8		1.1	.1								10.				6.		
Genuine German Kainit, 0-0-12.40																		
Nitrate of Soda, 18.24-0-0																		
Muriate of Potash, 0-0-48																		
Raw Bone Meal, 4½-21.50 T. P. A.																		

FIRMS AND BRANDS	Ammonia											Phosphoric Acid—Available				Potash—Soluble		
	Sulphate	Nitrate of Soda	Tankage	Fish	Bone	Base Goods	Cyanamid	Garbage Tankage	Cocoa Shell Meal	Humus		Acid Phosphate	Tankage	Fish	Bone	Muriate	Manure Salts	Kainit
Summers Fertilizer Co., Inc., Baltimore, Md.																		
"Best on Earth" Phospho-Potash Mixture, 0-12-5	....	....	....	....	....	....	....	....	....	....	....	12.	....	....	....	....	5.	....
"Best on Earth" Corn and Grain Special, 1-9-4	.25	....	....	....	.75	....	....	....	....	....	....	9.	....	....	....	....	4.	....
"Best on Earth" Bone Potash Mixture, 1-14-5	.25	....	....	....	.75	....	....	....	....	....	....	14.	....	....	....	5.	....	....
"Best on Earth" All Crop Grower, 2-8-5	.5	....	1.	.5	....	....	....	....	....	....	....	8.	....	....	....	....	5.	....
"Best on Earth" Fertilizer, 2-8-10	.5	....	1.5	....	....	....	....	....	....	....	....	8.	....	....	....	7.	2.	1.
"Best on Earth" Wheat Special, 2-12-2	.5	....	.5	1.	....	....	....	....	....	....	....	12.	....	....	....	2.	....	....
"Best on Earth" Jones Favorite, 3-12-3	.5	....	.75	1.75	....	....	....	....	....	....	....	12.	....	....	....	3.	....	....
"Best on Earth" Fertilizer, 3-12-5	.5	....	.75	1.75	....	....	....	....	....	....	....	12.	....	....	....	3.	1.	1.
"Best on Earth" Truckers Favorite, 5-8-5	1.5	.75	1.5	1.25	....	....	....	....	....	....	....	8.	....	....	....	5.	....	....
"Best on Earth" Potato Special, 7-6-5	2.5	2.	1.5	1.	....	....	....	....	....	....	....	6.	....	....	....	5.	....	....
"Best on Earth" Acid Phosphate, 0-16-0	....	....	....	....	....	....	....	....	....	....	....	16.	....	....	....	....	....	....
"Best on Earth" Raw Bone, 4-20.60 T. P. A.	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
"Best on Earth" Nitrate of Soda, 18-0-0	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
"Best on Earth" Muriate of Potash, 0-0-48	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
"Best on Earth" Kainit, 0-0-12.40	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
R. H. Slingluff Fertilizer Co., Baltimore, Md.																		
10% Tobacco Bed Special with 2% Potash, 10-4-2	7.75	....	2.	....	....	....	....	.25	....	....	....	3.5	.5	....	....	....	....	*2.
Strasburger & Siegel, Baltimore, Md.																		
Super-Yield Culture	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....

* Sulphate.

FIRMS AND BRANDS	Ammonia											Phosphoric Acid—Available				Potash—Soluble		
	Sulphate	Nitrate of Soda	Tankage	Fish	Bone	Base Goods	Cyanamid	Garbage Tankage	Cocoa Shell Meal	Humus	Blood	Acid Phosphate	Tankage	Fish	Bone	Muriate	Manure Salts	Kainit
Stumpp & Walter Co., Baltimore, Md.																		
Raw Bone Fertilizer, 4½-20 T. P. A.																		
Emerald Grass Fertilizer, 3.65-5-3	1.83		1.46				.36					5.						
General Garden, 4-8-3	1.6	1.	1.				.4					8.				3.		
Nitrate of Soda, 18.25-0-0																		
Pulverized Sheep Manure, 2½-1½-1½																		
Swift & Co., Baltimore, Md.																		
Red Steer, 2-16-8	1.		.4				.2				.4	16.				8.		
Red Steer, 4-8-4	1.6	1.	.5				.4				.5	8.				4.		
Red Steer, 5-8-5	2.	1.25	.62				.5				.63	8.				5.		
Raw Bone Meal Fertilizer, 4½-20 T. P. A																		
Bone Meal Fertilizer, 3-24 T. P. A.																		
Dried Fish Fertilizer, 10-1 T. P. A.																		
Red Steer, 10-5-2	4.	2.5	1.25				1.				1.25	5.					2.	
Red Steer, 3-8-3	1.5		.6				.3				.6	8.					3.	
Red Steer, 2-12-4	1.		.4				.2				.4	12.				4.		
Red Steer, 2-8-10	1.		.4				.2				.4	8.				10.		
Red Steer, 0-10-10												10.				10.		
Sulphate of Ammonia, 25-0-0																		
Vigorro, 4-12-4	2.6	1.								.4		12.				4.		
Kainit, 0-0-12.40																		
Muriate of Potash, 0-0-48																		
Nitrate of Soda, 18-0-0																		
Superphosphate (Acid Phosphate), 0-16-0												16.						
Red Steer, 0-12-5												12.				5.		
Red Steer, 1-9-4	.5		.2				.1				.2	9.				4.		
Red Steer, 2-8-5	1.		.4				.2				.4	8.				5.		
Red Steer, 2-9-2	1.		.4				.2				.4	9.					2.	
Red Steer, 2-12-2	1.		.4				.2				.4	12.					2.	
Red Steer, 2-16-8	1.		.4				.2				.4	16.				8.		

FIRMS AND BRANDS	Ammonia											Phosphoric Acid—Available				Potash—Soluble		
	Sulphate	Nitrate of Soda	Tankage	Fish	Bone	Base Goods	Cyanamid	Garbage Tankage	Cocoa Shell Meal	Air Nitrogen	Blood	Acid Phosphate	Tankage	Fish	Treated Phosphate Rock	Muriate	Muriate and Nitrate	Sulphate
Swift & Co., Baltimore, Md.,—Cont.																		
Red Steer, 3-8-5	1.5	.....	.6	.....	.....	.....	.3	.....	.....	.....	.6	8.	.....	.....	.....	5.	.....	.....
Red Steer, 3-8-8	1.5	.....	.6	.....	.....	.....	.3	.....	.....	.....	.6	8.	.....	.....	.....	8.	.....	.....
Red Steer, 3-10-6	1.5	.....	.6	.....	.....	.....	.3	.....	.....	.....	.6	10.	.....	.....	.....	6.	.....	.....
Red Steer, 4-8-7	1.6	1.	.5	.....	.....	.....	.4	.....	.....	.....	.5	8.	.....	.....	.....	7.	.....	.....
Red Steer, 4-12-4	1.6	1.	.5	.....	.....	.....	.4	.....	.....	.....	.5	12.	.....	.....	.....	4.	.....	.....
Red Steer, 4-16-4	1.6	1.	.5	.....	.....	.....	.4	.....	.....	.....	.5	16.	.....	.....	.....	4.	.....	.....
Red Steer, 7-6-5	2.8	1.75	.87	.....	.....	.....	.7	.....	.....	.....	.88	6.	.....	.....	.....	5.	.....	.....
Red Steer, 10-5-0	4.	2.5	1.25	.....	.....	.....	1.	.....	.....	.....	1.25	5.	.....	.....	.....	.....	.....	.....
Tankage, 6-12 T. P. A.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Tankage, 9-1 T. P. A.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Synthetic Nitrogen Products Corp., New York, N. Y.																		
Urea B. A. S. F. (Floranid) 58.36-0-0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Calcium Nitrate B. A. S. F. (Nitrate of Lime) 18.24-0-0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Nitrophoska, 15-30-15	.....	.....	.....	.....	.....	.....	.....	.....	.....	15.	.....	.....	.....	.....	30.	.....	15.	.....
I. P. Thomas & Son Co., Philadelphia, Pennsylvania																		
Kainit, 0-0-12.40	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Acid Phosphate, 0-16-0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	16.	.....	.....	.....	.....	.....	.....
Fish Mixture, 1-9-4	.7	.....	.3	.....	.....	.....	.....	.....	.....	.....	.....	9.	.....	.....	.....	4.	.....	.....
Potash Mixture, 0-12-5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	12.	.....	.....	.....	5.	.....	.....
10% Sweet Potato, 2-8-10	1.5	.....	.5	.....	.....	.....	.....	.....	.....	.....	.....	8.	.....	.....	.....	.....	.....	10.
Sweet Potato Fertilizer, 3-8-8	2.	.5	.5	.....	.....	.....	.....	.....	.....	.....	.....	8.	.....	.....	.....	8.	.....	.....
Thomas' Fish and Potash Fert., 5-8-5	3.5	.5	.25	.25	.....	.....	.5	.....	.....	.....	.....	8.	.....	.....	.....	5.	.....	.....
7% Guano, 7-6-5	5.	.5	.5	.5	.....	.....	.5	.....	.....	.....	.....	6.	.....	.....	.....	5.	.....	.....
Victor Potash Fertilizer, 2-8-5	1.5	.....	.5	.....	.....	.....	.....	.....	.....	.....	.....	8.	.....	.....	.....	5.	.....	.....

FIRMS AND BRANDS	Ammonia											Phosphoric Acid—Available				Potash—Soluble		
	Sulphate	Nitrate of Soda	Tankage	Fish	Bone	Base Goods	Cyanamid	Garbage Tankage	Cocoa Shell Meal	Humus	Poultry Manure	Acid Phosphate	Tankage	Fish	Bone	Muriate	Manure Salts	Kainit
Thomas & Co., Gaithersburg, Md.																		
Harvest Queen, 1¼-10-2		.5	.5				.25					10.					2.	
Crop Grower, 1-8-1			1.									8.					1.	
Alkaline Bone, 0-12-5												12.					5.	
Blood and Bone, 2-8-2		.4	.7		.4		.5					8.					2.	
Wheat and Grass Grower, 2-8-5			1.1		.4		.5					8.				2.5	2.5	
Excelsior, 2-12-3			1.1		.4		.5					12.					3.	
Acid Phosphate, 0-16-0												16.						
Wm. B. Tilghman Co., Salisbury, Md.																		
Irish P Guano, 7-6-5	4.5	.5	.5	1.							.5	5.2	.5	.3		4.	1.	
Topdresser, 6-6-6	3.	2.4									.6	6.				6.		
Early Truck Guano, 5-8-5	3.5		.3	.8							.4	7.2	.5	.3		5.		
Mixture "A", 4-8-10	2.5		.4	.7							.4	7.5	.3	.2		10.		
Melon Mixture, 4-8-6	1.			2.6							.4	7.		1.		6.		
Mixture "B", 4-8-4	2.4		.4	.8							.4	7.5	.3	.2		3.	1.	
"S P" Mixture, 3-8-8	1.8		.3	.6							.3	7.6	.2	.2		8.		
High Grade Potash Mixture, 2-8-10	1.		.2	.5							.3	7.6	.2	.2		10.		
Bone Tankage Mixture, 2-12-4	1.2		.8									11.6	.4			4.		
Standard, 2-8-5	1.		.2	.4				.2			.2	7.6	.2	.2		2.5	2.5	
Special Grain Fertilizer, 1-10-5	.5		.3					.2				9.8	.2			3.	2.	
Phosphate and Potash, 0-12-5												12.				4.		1.
Nitrate of Soda, 18-0-0																		
Kainit, 0-0-12.40																		
Muriate of Potash, 0-0-50																		
Pure Raw Bone Meal, 4½-21½ T. P. A.																		
Super Phosphate (Acid Phosphate), 0-16-0												16.						

FIRMS AND BRANDS	Ammonia											Phosphoric Acid—Available				Potash—Soluble		
	Sulphate	Nitrate of Soda	Tankage	Fish	Bone	Base Goods	Cyanamid	Garbage Tankage	Cocoa Shell Meal	Humus	Acidulated Animal Base	Acid Phosphate	Tankage	Fish	Bone	Muriate	Manure Salts	Sulphate
F. W. Tunnell & Co., Inc., Philadelphia, Pa.																		
Acid Phosphate, 0-16-0	....	....	....	....	....	....	....	....	....	....	....	16.	....	....	....	....	....	....
Potash Manure, 0-12-5	....	....	....	....	....	....	....	....	....	....	....	12.	....	....	....	3.	2.	....
Virginia Potato Manure, 7-6-5	3.25	1.5	1.25	....	....	....	1.	....	....	....	....	5.	1.	....	....	5.	....	....
Nassau County Potato Manure, 5-8-5	2.	1.	1.5	....	....	....	.5	....	....	....	....	7.	1.	....	....	5.	....	....
Excelsior Potato Manure, 4-8-4	1.5	.5	1.5	....	....	....	.5	....	....	....	....	7.	1.	....	....	4.	....	....
Fish Manure with Potash, 2-10-6	.75	....	.5	.25	....	....	.5	....	....	....	....	8.	2.	....	....	6.	....	....
Red Diamond Potato and Truck Guano, 2-8-10	.75	....	.75	....	....	....	.5	....	....	....	....	7.	1.	....	....	10.	....	....
Veribest Cereal Manure, 2-8-5	.5	....	1.5	....	....	....	....	....	....	....	....	7.	1.	....	....	5.	....	....
Wheat and Cereal Manure, 1-9-4	....	....	1.	....	....	....	....	....	....	....	....	7.5	1.5	....	....	2.	2.	....
Tunnell's Special, 1-8-6	....	....	1.	....	....	....	....	....	....	....	....	7.	1.	....	....	3.	3.	....
United States Guano Co., Baltimore, Maryland.																		
Old Reliable, 1¼-9-3	.62	....	....	....	....	....	....	....	....	....	.63	9.	....	....	....	1.5	....	1.5
Jumbo Potato Grower, 7-6-5	3.5	....	....	2.	....	....	....	....	....	....	1.5	6.	....	....	....	2.5	....	2.5
Muriate of Potash, 0-0-48	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Raw Bone Meal, 4½-22 T. P. A.	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Bone Meal, 3-22 T. P. A.	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Nitrate of Soda, 18-0-0	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Accomac Peninsula King, 5-8-5	2.5	....	....	....	....	....	....	....	....	....	2.5	8.	....	....	....	2.5	....	2.5
Evergreen Fish Guano, 4-8-4	2.	....	....	....	....	....	....	....	....	....	2.	8.	....	....	....	2.	....	2.
Service Mixture, 2-12-6	1.	....	....	....	....	....	....	....	....	....	1.	12.	....	....	....	3.	....	3.
General Use Guano, 2-12-4	1.	....	....	....	....	....	....	....	....	....	1.	12.	....	....	....	2.	....	2.
Mammoth Potato Grower, 2-8-10	1.	....	....	....	....	....	....	....	....	....	1.	8.	....	....	....	5.	....	5.
Mammoth Truck Grower, 2-8-5	1.	....	....	....	....	....	....	....	....	....	1.	8.	....	....	....	2.5	....	2.5
Old Fertility, 2-8-3	1.	....	....	....	....	....	....	....	....	....	1.	8.	....	....	....	1.5	....	1.5
High Grade Phosphate and Potash, 0-12-5	....	....	....	....	....	....	....	....	....	....	....	12.	....	....	....	2.5	....	2.5
Lime Phosphate, 0-13-0	....	....	....	....	....	....	....	....	....	....	....	13.	....	....	....	....	....	....

FIRMS AND BRANDS	Ammonia											Phosphoric Acid—Available				Potash—Soluble		
	Sulphate	Nitrate of Soda	Tankage	Fish	Bone	Base Goods	Cyanamid	Garbage Tankage	Cocoa Shell Meal	Humus	Animal Base	Acid Phosphate	Tankage	Fish	Bone	Muriate	Manure Salts	Kainit
United States Guano Co., Baltimore, Maryland—Cont.																		
Acid Phosphate, 0-20-0	....	....	....	....	....	....	....	....	....	....	....	20.	....	....	....	....	....	....
Acid Phosphate, 0-18-0	....	....	....	....	....	....	....	....	....	....	....	18.	....	....	....	....	....	....
Acid Phosphate, 0-16-0	....	....	....	....	....	....	....	....	....	....	....	16.	....	....	....	....	....	....
Kainit, 0-0-12.40	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Ground Animal Tankage, 9-9.15 T. P. A.	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Urbana Laboratories, Urbana, Ill.																		
Urbana Culture	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Valliant Fertilizer Co., Laurel, Del.																		
Acid Phosphate, 0-16-0	....	....	....	....	....	....	....	....	....	....	....	16.	....	....	....	....	....	....
Progress, 3-8-8	1.25	....	.5	.25	....	....	....	.25	....	....	.75	8.	....	....	....	8.	....	....
Fam-us, 1-9-4	.5	....	....	....	....	....	....	.25	....	....	.25	9.	....	....	....	....	1.	3.
Big 4, 4-8-4	2.25	....	.75	....	....	....	....	.2	....	....	.8	8.	....	....	....	2.	2.	....
Diamond, 2-8-5	1.	....	.3	....	....	....	....	.2	....	....	.5	8.	....	....	....	2.	3.	....
Arcadia, 5-8-5	3.5	....	....	.3	....	....	....	.2	....	....	1.	8.	....	....	....	3.	2.	....
Jewel, 7-6-5	4.6	....	.25	.25	....	....	....	.2	....	....	1.7	6.	....	....	....	3.	2.	....
Winner, 4-8-10	2.2	....	.5	.5	....	....	....	....	....	....	.8	8.	....	....	....	9.25	.75	....
W. H. Valliant & Bro., Bellevue, Md.																		
1-8-4 Phosphate	....	....	....	1.	....	....	....	....	....	....	....	8.	....	....	....	4.	....	....
Lime and Potash, 0-0-5	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	5.	....
Corn Special, 3-0-5	1.	1.	....	1.	....	....	....	....	....	....	....	....	....	....	....	....	5.	....
Fish Special. 2-8-6	.5	.5	....	1.	....	....	....	....	....	....	....	8.	....	....	....	6.	....	....
0-12-5 Phosphate	....	....	....	....	....	....	....	....	....	....	....	12.	....	....	....	....	5.	....
Acid Phosphate, 0-16-0	....	....	....	....	....	....	....	....	....	....	....	16.	....	....	....	....	....	....

FIRMS AND BRANDS	Ammonia											Phosphoric Acid—Available				Potash—Soluble		
	Sulphate	Nitrate of Soda	Tankage	Fish	Bone	Base Goods	Cyanamid	Garbage Tankage	Cocoa Shell Meal	Humus	Cotton Seed Meal	Acid Phosphate	Tankage	Fish	Bone	Muriate	Manure Salts	Tobacco Stems
Virginia-Carolina Chemical Corp., Baltimore, Md.																		
American 7-6-5 Fertilizer	4.5	.....	2.25	.25	.....	.....	.....	.....	.....	.....	.....	6.	.....	.....	.....	5.	.....	.....
American Truckers Special, 5-8-5	3.88	.....	1.	.12	.....	.....	.....	.....	.....	.....	.....	8.	.....	.....	.....	5.	.....	.....
American Vegetable Special, 4-8-4	2.88	.....	1.	.12	.....	.....	.....	.....	.....	.....	.....	8.	.....	.....	.....	.....	3.5	.5
American Panacea Guano, 2-12-4	1.	.....	1.	.....	.....	.....	.....	.....	.....	.....	.....	12.	.....	.....	.....	3.3	.....	.7
American Fish and Potash Compound, 2-9-3	.55	.....	1.1	.25	.1	.....	.....	.....	.....	.....	.....	9.	.....	.....	.....	.....	1.75	1.25
American Prize Guano, 2-8-10	1.08	.....	.8	.12	.....	.....	.....	.....	.....	.....	.....	8.	.....	.....	.....	.....	9.5	.5
American Excelsior Guano, 2-8-5	.88	.....	1.	.12	.....	.....	.....	.....	.....	.....	.....	8.	.....	.....	.....	.....	4.	1.
American H. G. Potash Mixture, 0-12-5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	12.	.....	.....	.....	.....	4.25	.75
American H. G. Acid Phosphate, 0-16-0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	16.	.....	.....	.....	.....	.....	.....
American Double Special Brand, 4-16-6	3.03	.....	.85	.12	.....	.....	.....	.....	.....	.....	.....	16.	.....	.....	.....	5.5	.....	.5
American Champion Grain Grower, 1-9-4	.....	.....	.88	.12	.....	.....	.....	.....	.....	.....	.....	9.	.....	.....	.....	.....	3.	1.
V-C Tobacco Bed Special, 10-5-0	4.55	4.25	1.2	.....	.....	.....	.....	.....	.....	.....	.....	5.	.....	.....	.....	.....	.....	.....
V-C Fairway Fertilizer, 8-6-5	4.82	.....	.68	.....	.....	.....	.5	.....	.....	.....	2.	6.	.....	.....	.....	5.	.....	.....
V-C 7% Truck Fertilizer, 7-6-5	4.5	.....	2.25	.25	.....	.....	.....	.....	.....	.....	.....	6.	.....	.....	.....	5.	.....	.....
V-C Virginia Trucker, 5-8-5	3.88	.....	1.	.12	.....	.....	.....	.....	.....	.....	.....	8.	.....	.....	.....	5.	.....	.....
V-C Double Owl Brand, 4-8-7	2.88	.....	1.	.12	.....	.....	.....	.....	.....	.....	.....	8.	.....	.....	.....	6.5	.....	.5
V-C XXXX Fish and Potash, 4-8-4	2.88	.....	1.	.12	.....	.....	.....	.....	.....	.....	.....	8.	.....	.....	.....	.....	3.5	.5
V-C Sweet Potato Special, 3-8-8	2.35	.....	.53	.12	.....	.....	.....	.....	.....	.....	.....	8.	.....	.....	.....	.....	7.66	.34
V-C Owl Brand Fertilizer, 2-12-4	1.	.....	1.	.....	.....	.....	.....	.....	.....	.....	.....	12.	.....	.....	.....	3.3	.....	.7
V-C Valley Pride, 2-12-2	.88	.....	1.	.12	.....	.....	.....	.....	.....	.....	.....	12.	.....	.....	.....	1.31	.....	.69
V-C Fish, Bone and Potash, 2-9-3	.55	.....	1.1	.25	.1	.....	.....	.....	.....	.....	.....	9.	.....	.....	.....	.....	1.75	1.25
V-C Indian Brand Fertilizer, 2-8-10	1.08	.....	.8	.12	.....	.....	.....	.....	.....	.....	.....	8.	.....	.....	.....	.....	9.5	.5
V-C Universal Crop Manure, 2-8-5	.88	.....	1.	.12	.....	.....	.....	.....	.....	.....	.....	8.	.....	.....	.....	.....	4.	1.
V-C High Grade Potash Mixture, 0-12-5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	12.	.....	.....	.....	.....	4.25	.75
V-C Acid Phosphate, 0-16-0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	16.	.....	.....	.....	.....	.....	.....
Pure Raw Bone, 4½-21.51 T. P. A.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Fine Ground Bone, 3-22.88 T. P. A.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Genuine Imported Kainit, 0-0-12.40	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

FIRMS AND BRANDS	Ammonia											Phosphoric Acid—Available				Potash—Soluble		
	Sulphate	Nitrate of Soda	Tankage	Fish	Bone	Base Goods	Cyanamid	Garbage Tankage	Ammonium Phosphate	Cotton Seed Meal	Cocoa Meal	Acid Phosphate	Tankage	Amonium Phosphate.	Base Goods	Muriate	Manure Salts	Sulphate
Virginia-Carolina Chemical Corp., Baltimore, Md.,—Cont.																		
Muriate of Potash, 0-0-48	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Nitrate of Soda, 18-0-0	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
V-C Star Brand Fertilizer, 1-9-4	....	....	.88	.12	....	....	....	....	....	....	....	9.	....	....	....	....	3.	†1.
"Bloomaid" Tablet Form, 12-14-6	8.18	....	....	....	....	....	....	....	3.82	....	....	....	....	14.	....	....	....	6.
"Bloomaid" Liquid Form, 12-14-6	2.69	6.	....	....	....	....	....	....	3.31	....	....	....	....	14.	....	....	....	6.
"Bloomaid", 6-10-4	2.2	1.9	1.2	....	....	....	....	....	....	.7	....	10.	....	....	....	....	....	4.
Westminster Fertilizer Co., Westminster, Md.																		
Acid Phosphate, 0-16-0	....	....	....	....	....	....	....	....	....	....	....	16.	....	....	....	....	....	....
Super-A, 1-10-2	.375	.125	.15	....	....	....	....	.175	....	....	.175	10.	....	....	....	....	2.	....
Leader, 1-9-4	.375	.125	.15	....	....	....	....	.175	....	....	.175	9.	....	....	....	1.	3.	....
2-8-5	1.	.25	.25	....	....	....	....	.25	....	....	.25	8.	....	....	....	2.	3.	....
Worcester Fertilizer Co., Inc., Snow Hill, Md.																		
Correct Plant Food Mixture, 7-6-5	3.75	.9	1.2	.45	....	.45	.25	....	....	....	....	4.8	....	....	1.2	5.	....	....
Correct Plant Food Mixture, 5-8-5	3.	.45	.75	.3	....	.25	.25	....	....	....	....	7.1	....	....	.9	5.	....	....
Acid Phosphate, 0-16-0	....	....	....	....	....	....	....	....	....	....	....	16.	....	....	....	....	....	....
York Chemical Works, York, Pa.																		
Acid Phosphate, 0-20-0	....	....	....	....	....	....	....	....	....	....	....	20.	....	....	....	....	....	....
Four-Sixteen-Ten, 4-16-10	3.5	....	....	....	....	....	....	.5	....	....	....	16.	....	....	....	10.	....	....
Twelve and Five, 0-12-5	....	....	....	....	....	....	....	....	....	....	....	12.	....	....	....	....	5.	....
Standard, 2-8-5	1.	.5	....	....	....	....	....	.5	....	....	....	8.	....	....	....	....	5.	....
Two-Twelve-Four, 2-12-4	1.	.5	....	....	....	....	....	.5	....	....	....	12.	....	....	....	1.	3.	....
Acid Phosphate, 0-16-0	....	....	....	....	....	....	....	....	....	....	....	16.	....	....	....	....	....	....
Garden Fertilizer, 5-8 5	5.	....	....	....	....	....	....	....	....	....	....	8.	....	....	....	....	....	5.
Standard Potash, 1-9-4	.5	.5	....	....	....	....	....	....	....	....	....	9.	....	....	....	....	4.	....

† Tobacco Stems.

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Control Series—Published Quarterly January Issue, 1928—No. 125

Md State Board of

Commercial Fertilizers for 1928

This Bulletin contains advanced information concerning the composition of the various fertilizers which will be found upon the Maryland Market during 1928.

STATE FERTILIZER INSPECTION SERVICE
Controlled by
UNIVERSITY OF MARYLAND
COLLEGE PARK, MD.

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COMMERCIAL FERTILIZERS FOR 1928.

Compiled and edited under the supervision of N. E. Gordon, State Chemist; and L. E. Bopst, Assistant.

INTRODUCTION

This publication is the 1928 number of the fertilizer registration bulletin issued annually, on January 15th, by the Maryland Inspection Service. In it are listed and described all brands of fertilizer which had been registered for 1928 delivery up to the date of going to press (January 12th).

The data here compiled are presented for the information and guidance of prospective purchasers of fertilizers. Every successful planter realizes that two brands of fertilizer of exactly the same grade may produce widely differing results when applied to a given soil and crop. It is only by taking into consideration the ingredients from which the various plant foods are derived that an intelligent selection can be made.

The conscientious manufacturer is likewise aided by the dissemination of this information. The success of his business depends upon satisfied customers and any device which aids the buyer in selecting the goods best suited to his needs reacts, in the long run, toward the greater prosperity of the fertilizer industry. Furthermore, the publicity so obtained should not be rated too lightly. Many buyers wisely refuse to purchase brands concerning which they have not complete information.

Since this publication was first placed upon an annual basis, constant efforts have been made to enlist the co-operation of manufacturers to the end that the ideal of one hundred per cent. advance registration might be approached. The response has not been as yet all that could be desired, although continual improvement is noticeable. Of the 1,014 brands registered in 1926, only 367, or about one-third, appeared in the January bulletin. Over one-half, or 519 out of 993 brands registered in 1927, were listed in January. The present issue includes 532 brands.

The Department wishes to assure fertilizer buyers that registration information is available to them at all times and that all inquiries concerning brands licensed subsequent to the appearance of this publication will be promptly answered.

The Maryland Standard Twelve

Agriculture is beginning to awaken to the fact that some of the principles of standardization which have proved so profitable in other industries are applicable to its own problems. Agricultural authorities and fertilizer manufacturers themselves have long realized that a considerable annual loss is

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sustained by fertilizer users generally by reason of the needless multiplicity of brands and analyses which encumber the market. With a view to remedying that situation the Maryland Department of Soils some years ago selected and recommended twelve analyses which offer a range adapted to the crop and soil conditions of all sections of the State. It will be noted that all of these are "high-grade" mixtures—that is, they all contain fourteen or more units of plant food. The following table shows the amounts of these brands sold during the past five years.

SALES OF THE MARYLAND STANDARD-TWELVE, 1922-23-24-25-26

Analysis	Units of Plant Food	Tons Sold 1922	Tons Sold 1923	Tons Sold 1924	Tons Sold 1925	Tons Sold 1926
7-6-5	18	7,456	9,084	10,106	6,681	8,131.28
4-8-4	16	4,227	4,800	6,207	6,407	5,162.49
5-8-5	18	3,090	4,269	4,980	5,843	8,281.70
2-12-2	16	1,652	1,786	3,414	3,596	3,080.21
0-12-6	18	818	952	1,344	1,490	1,567.80
0-10-4	14	696	753	754	251	383.40
10-5-0	15	251	133	173	140	415.78
2-12-4	18	0	116	1,186	1,238	2,229.77
3-10-6	19	0	10	316	1,168	1,106.20
6-8-4	18	0	0	116	86	89.
3-8-8	19	0	0	936	1,185	2,209.
4-12-0	16	0	0	.1	0	0.
Total Tons Sold		18,190	21,903	29,532.1	28,085	32,656.
Percentage of Total Tonnage		11.6%	14.1%	19.5%	16.9%	20%

The general trend of the tonnage of the above brands has been upward but too gradually to have any effect on production costs or prices.

The following pages contain a detailed list, together with the composition, of the different brands of fertilizer registered for 1928 delivery:

FIRMS AND BRANDS	Ammonia											Phosphoric Acid—Available				Potash—Soluble		
	Sulphate	Nitrate of Soda	Tankage	Fish	Bone	Base Goods	Cyanamid	Garbage Tankage	Cocoa Shell Meal	Humus		Acid Phosphate	Tankage	Fish	Double Superphosphate	Muriate	Manure Salts	Sulphate
American Agricultural Chemical Co., New York, N. Y.																		
Neptune Fish Fertilizer, 1-9-4	.3		.25	.2			.25					8.1	.9			2.	2.	
Pulverized Sheep & Goat Manure, 1½-1-2																		
Gold Eagle Fertilizer, 3-8-8	1.50		.75				.75					7.2	.8			4.	4.	
Climax Fertilizer, 3-10-6	1.50		.75				.75					9.	1.			3.	3.	
Gladiator Fertilizer, 4-8-7	2.		1.				1.					7.2	.8			3.5	3.5	
Ground Tankage, 6-13.73 T. P. A																		
Tomato Fertilizer, 2-8-5	1.		.5				.5					7.2	.8			2.5	2.5	
Nitrate of Soda, 18.23-0-0																		
Sulphate of Potash, 0-0-48																		
Muriate of Potash, 0-0-48																		
Kainit, 0-0-12.40																		
Pure Raw Bone, 4½-20.60 T. P. A																		
Fine Ground Bone, 3-22.89 T. P. A																		
Ground Tankage, 9-9.15 T. P. A																		
Kangaroo Komplete Kompund, 2-9-3	1.		.5				.5					8.1	.9			1.5	1.5	
10% Plant Bed Fertilizer, 10-5-0	5.	2.	1.5				1.5					4.5	.5					
Early Trucker Fertilizer, 5-8-5	2.5	.5	1.	.5			.5					7.2	.4	.4		2.5	2.5	
Red Leaf Tobacco Fert. (Sulphate), 4-8-10	2.		1.				1.					7.2	.8					10.
Golden Leaf Tobacco Fertilizer (Sulphate) 4-8-7	2.		1.				1.					7.2	.8					7.
Monarch Fertilizer, 4-8-4	2.		1.				1.					7.2	.8			2.	2.	
Sweepstakes Tobacco Fertilizer (Sulphate), 3-8-3	1.5		.6	.45			.45					7.2	.8					3.
Double Strength Fertilizer, 2-16-8	1.		.4	.2			.4					8.	1.6	1.6	4.8	4.	4.	
Farmer's Friend Fertilizer, 2-12-4	1.		.5				.5					10.8	1.2			2.	2.	
Red Dragon Fertilizer, 2-12-2	1.		.5				.5					10.8	1.2			1.	1.	
Old Hickory Fertilizer, 2-8-10	1.		.5				.5					7.2	.8			5.	5.	
Red Dog Fertilizer. 2-8-5	1.		.5				.5					7.2	.8			2.5	2.5	
Acme Fertilizer, 1-9-4	.5		.25				.25					8.1	.9			2.	2.	

FIRMS AND BRANDS	Ammonia											Phosphoric Acid—Available				Potash—Soluble		
	Sulphate	Nitrate of Soda	Tankage	Fish	Bone	Base Goods	Cyanamid	Garbage Tankage	Cocoa Shell Meal	Humus		Acid Phosphate	Tankage	Fish	Bone	Muriate	Manure Salts	Kainit
American Agricultural Chemical Co., N. Y.—Cont.																		
Victory Mixture, 0-12-5												12.				2.5	2.5	
Agrico Fertilizer for Potatoes, 4-8-6	2.		1.				1.					7.2	.8			3.	3.	
Agrico Fertilizer for Corn, 3-10-6	1.5		.6	.45			.45					9.	.5	.5		3.	3.	
Agrico Fertilizer for Grain, 2-12-4	1.		.5				.5					10.8	1.2			2.	2.	
Agrico Fertilizer for Truck, 5-10-5	2.5	.5	1.	.5			.5					9.	.5	.5		2.5	2.5	
Top Dresser Fertilizer, 5-8-0	2.5	.5	1.	.5			.5					7.2	.4	.4				
Basic Lime Phosphate, 0-13-0												13.						
Detrick's Gold Basis Fertilizer, 7-6-5	4.2	.7	.7	.7			.7					5.4	.3	.3		2.5	2.5	
Listers Royal Fertilizer, 5-8-5	2.5		1.25				1.25					7.2	.8			2.5	2.5	
Listers Regal Fertilizer, 4-8-4	2.		1.				1.					7.2	.8			2.	2.	
Listers Success Fertilizer, 2-9-3	1.		.5				.5					8.1	.9			1.5	1.5	
Listers Golden Crown Fertilizer, 2-8-10	1.		.5				.5					7.2	.8			5.	5.	
Listers Harvest Queen Fertilizer, 2-8-5	1.		.5				.5					7.2	.8			2.5	2.5	
Listers G Brand Fertilizer, 1-9-4	.5		.25				.25					8.1	.9			2.	2.	
Patapsco Unexcelled Fertilizer, 4-8-4	2.		1.				1.					7.2	.8			2.	2.	
Patapsco Big Chief Fertilizer, 2-8-5	1.		.5				.5					7.2	.8			2.5	2.5	
Patapsco Coon Brand Fertilizer, 1-9-4	.5		.25				.25					8.1	.9			2.	2.	
Patapsco Apex Mixture, 0-12-5												12.				2.5	2.5	
Slingluff's Plant Bed Fertilizer, 10-5-2	5.	2.	1.5				1.5					4.5	.5			1.	1.	
Wheeler's H. G. Superphosphate, 0-16-0												16.						
Wooldridge's Florida Superphosphate, 0-14-0												14.						
Patapsco H. G. Superphosphate, 0-16-0												16.						
Listers H. G. Superphosphate, 0-16-0												16.						
A. A. Superphosphate, 0-16-0												16.						
American South Pacific Co., Inc., New York, N. Y.																		
Nitrate of Soda, 18.08-0-0																		

FIRMS AND BRANDS	Ammonia											Phosphoric Acid—Available				Potash—Soluble		
	Sulphate	Nitrate of Soda	Tankage	Fish	Bone	Base Goods	Cyanamid	Garbage Tankage	Cocoa Shell Meal	Cotton Seed Meal	Ammonium Sulphate Nitrate	Acid Phosphate	Tankage	Fish	Bone	Muriate	Manure Salts	Sulphate
Anglo-Chilean Nitrate Sales Corp., New York, N. Y.																		
Nitrate of Soda. 18.84-0-0																		
Armour Fertilizer Works,, Baltimore, Maryland.																		
Lime Phosphate, 0-13-0												13.						
Big Crop Acid Phosphate, 0-16-0												16.						
Big Crop Superphosphate, 0-20-0												20.						
Big Crop, 0-10-4												10.					4.	
Big Crop, 0-10-10												10.				10.		
Big Crop, 0-12-5												12.					5.	
Big Crop, 1-9-4	.75		.25									9.					4.	
Big Crop, 2-8-5	1.8		.2									8.					5.	
Big Crop, 2-8-10	1.8		.2									8.				7.5	2.5	
Big Crop Bone Mixture, 2-9-3	1.4		.2		.4							7.5			1.5		3.	
Big Crop, 2-12-2	1.8		.2									12.					2.	
Big Crop, 2-12-4	1.8		.2									12.					4.	
Big Crop, 2-16-8											2.	16.				8.		
Big Crop Sweet Potato Grower, 3-8-8			.15	.15							2.7	8.				4.	4.	
Big Crop Tomato Grower, 3-10-6			.15	.15							2.7	10.				2.	4.	
Big Crop, 4-8-4			.4								3.6	8.					4.	
Big Crop, 4-16-4											4.	16.				4.		
Big Crop, 5-8-5			.35	.15							4.5	8.				5.		
Big Crop Tobacco Grower, 6-8-4		.6	.7							.8	3.9	8.						4.
Lawn and Garden Grower, 6-8-6	3.										3.	8.						6.
Big Crop, 7-6-5			.55	.15							6.3	6.				5.		
Big Crop Truck Grower, 7-12-7											7.	12.				7.		
Big Crop, 10-5-2			1.								9.	5.				2.		
Big Crop, 10-9-8											10.	9.				8.		
Big Crop Bone Meal, 3-21.97 T. P. A.																		

FIRMS AND BRANDS	Ammonia											Phosphoric Acid—Available				Potash—Soluble		
	Sulphate	Nitrate of Soda	Tankage	Fish	Bone	Base Goods	Cyanamid	Garbage Tankage	Cocoa Shell Meal	Humus	Cocoa Meal	Acid Phosphate	Tankage	Fish	Bone	Muriate	Manure Salts	Sulphate
Armour Fertilizer Works, Baltimore, Maryland—Cont.																		
Big Crop Raw Bone Meal, 4½-21.51 T. P. A.																		
Nitrate of Soda, 18-0-0																		
Muriate of Potash, 0-0-48																		
Kainit, 0-0-12																		
Ground Animal Tankage, 9-0-0																		
Sheep and Goat Manure, 1½-1-2½																		
Baltimore Fertilizer Co., Baltimore, Md.																		
Honest, 3-8-5	2.																	
Tobacco Bed Mixture, 10-4-2	7.25	1.	.25				.5	.25			.25	8.				1.	4.	
Honest, 2-8-5	1.		.25					.5			.5	3.6	.4					2.
Honest Acid Phosphate, 0-16-0							.5				.25	8.					5.	
Honest, 0-12-5												16.						
Honest, 1-9-4	.25											12.					5.	
Honest, 2-8-10	1.						.25	.25			.25	9.					4.	
Honest, 4-8-4	3.						.5	.25			.25	8.				6.	4.	
Honest, 4-8-7	3.						.5	.25			.25	8.					4.	
Honest Trucker, 5-7-5	4.						.5	.25			.25	8.						7.
							.5	.25			.25	7.				2.	3.	
Barrett Co., New York, N. Y.																		
Arcadian Sulphate of Ammonia, 25.25-0-0																		
Sulphate of Ammonia, 25-0-0																		
Baugh & Sons Co., Baltimore, Md.																		
Raw Bone Meal, 4½-21½ T. P. A.																		
Bone Meal, 3-23 T. P. A.																		

FIRMS AND BRANDS	Ammonia											Phosphoric Acid—Available				Potash—Soluble		
	Sulphate	Nitrate of Soda	Tankage	Fish	Bone	Base Goods	Cyanamid	Garbage Tankage	Cocoa Shell Meal	Humus		Acid Phosphate	Tankage	Fish	Bone	Muriate	Manure Salts	Sulphate
Baugh & Sons Co., Baltimore, Md.—Cont.																		
Half and Half Mixture with Potash 1½-10-5					1.5							8.			2.	5.		
New Process 10% Guano, 10-5-0	9.		1.									4.5	.5					
7% Potato Guano, 7-6-5	4.6	1.	.9	.5								5.3	.5	.2		4.	1.	
Peruvian Guano Substitute, 5-8-5	3.9		1.1									7.5	.5			4.	1.	
Double Power Fertilizer, 4-16-4	3.3		.7									15.5	.5			4.		
Balanced Plant Food, 4-12-4	3.		1.									11.5	.5			4.		
Half Century Perfection Brand, 4-8-7	2.8		1.2									7.5	.5			5.	2.	
Special Tobacco Guano, 4-8-4	2.8		1.2									7.5	.5					4.
Fish Bone and Potash, 4-8-4	2.7		.8	.4	.1							7.	.5	.2	.3	2.	2.	
Sweet Potato Guano, 3-8-8	2.		.5	.5								7.5	.3	.2		8.		
Grand Rapid Guano, 3-10-3	2.2		.8									9.5	.5				3.	
Yucatan Tobacco Guano, 3-8-3	2.2		.8									7.5	.5					3.
Commercial Superphosphate, 2-8-10	1.2		.8									7.5	.5			10.		
Complete Animal Base Fertilizer, 2-8-5	1.2		.8									7.5	.5			1.	4.	
Special Potato Manure, 2-8-5	1.2		.8									7.5	.5			1.	4.	
Double Eagle Phosphate, 2-12-4	1.2		.8									11.5	.5			4.		
The Old Standby, 2-12-2	1.2		.8									11.5	.5				2.	
Corn and Oats Fertilizer, 2-12-2	1.2		.8									11.5	.5				2.	
Wheat Fertilizer for Wheat and Grass, 2-9-3	1.2		.8									8.5	.5				3.	
Tomato Compound, 2-9-3	1.2		.8									8.5	.5				3.	
Fish Mixture, 2-9-3	1.		.5	.5								8.6	.2	.2			3.	
Animal Base and Potash Compound, 2-9-3	1.2		.8									8.5	.5				3.	
Excelsior Guano, 1-9-4	.5		.5									8.5	.5			1.	3.	
Acid Phosphate, 0-20-0												20.						
Acid Phosphate, 0-16-0												16.						
Lime and Phosphate, 0-13-0												13.						
Phosphate and Potash Mixture, 0-10-10												10.				7.	3.	
Phosphate and Potash Mixture, 0-12-5												12.				2.	3.	

FIRMS AND BRANDS	Ammonia											Phosphoric Acid—Available				Potash—Soluble		
	Sulphate	Nitrate of Soda	Tankage	Fish	Bone	Base Goods	Cyanamid	Garbage Tankage	Cocoa Shell Meal	Humus		Acid Phosphate	Tankage	Fish	Bone	Muriate	Manure Salts	Kainit
Baugh & Sons Co., Baltimore, Md.—Cont.																		
Phosphate and Potash Mixture, 0-10-4												10.					4.	
Sulphate of Ammonia, 25-0-0																		
Nitrate of Soda, 18½-0-0																		
Muriate of Potash, 0-0-48																		
Genuine Imported Kainit, 0-0-12.40																		
Ground Tankage, 7-5 T. P. A.																		
Sheep Manure, 2-1-1																		
Davey Tree Expert Co., Kent, Ohio																		
Davey Tree Food, 7-8-3	4.				3.							8.				3.		
L. E. P. Dennis & Son Co., Crisfield, Md.																		
7% Fish Fertilizer, 7-6-5	4.	.9	1.05	1.05								5.74	.13	.13		5.		
2-8-5 Fish Fertilizer, 2-8-5	1.		.5	.5								7.6	.2	.2		3.		2.
5-8-5 Fish Fertilizer, 5-8-5	2.6	.6	.9	.9								7.8	.1	.1		5.		
3-8-8 Fish Fertilizer, 3-8-8	1.5		.75	.75								7.4	.3	.3		6.		2.
Diamond Fertilizer Co., Baltimore, Md.																		
All Crop Grower, 2-8-5	1.		.5	.25			.25					8.					5.	
Wonder Grower, 5-8-5	3.5		1.				.5					8.				2.5	2.5	
Acid Phosphate, 0-16-0												16.						
Dorchester Fertilizer Co., Cambridge, Maryland																		
Old Dorset 1-9-4	.75							.25				9.						4.
Farmers Favorite, 2-8-10	1.		.5				.5					8.				5.	5.	
Fish Mixture, 2-9-3	.5			1.			.5					9.						3.
Old Glory, 0-12-5												12.					5.	
Our Special, 2-8-5	1.7							.3				8.					2.	3.
Dorchester, 0-12-6												12.					6.	

FIRMS AND BRANDS	Ammonia											Phosphoric Acid—Available				Potash—Soluble		
	Sulphate	Nitrate of Soda	Tankage	Fish	Bone	Base Goods	Cyanamid	Garbage Tankage	Cocoa Shell Meal	Humus		Acid Phosphate	Tankage	Fish	Bone	Muriate	Manure Salts	Kainit
Dorchester Fertilizer Co., Cambridge, Maryland—Cont.																		
Corn Grower, 0-7-7												7.						7.
Gem, 1-11-5	.75		.25									11.				4.	1.	
High Grade Acid Phosphate, 0-16-0												16.						
Alsatian Kainit, 0-0-12.40																		
Farmers Delight, 7-6-5	4.5		1.	1.			.5					6.				5.		
Crop Compound, 4-8-7	2.5		.5	.5			.5					8.				3.5	3.5	
Truck Grower, 5-8-5	2.7		1.	.5			.5	.3				8.				3.	2.	
Sweet Potato Compound, 3-8-8	2.		.5				.5					8.				8.		
Earp-Thomas Cultures Corp., Long Island City, N. Y.																		
Stim-U-planT, 13.37-11.71-15																		
Humogerm																		
Farmogerm																		
Edelen Bros., Baltimore, Md.																		
10% Tobacco Bed Special with 2% Potash, 10-4-2	7.75		2.					.25				3.5	.5					*2.
Farmers' Fertilizer & Feed Co., Westminster, Maryland																		
Super Phosphate, 0-16-0												16.						
X X, 1-9-3	.9							.1				9.					3.	
Farmers' Favorite, 1-10-5	.9							.1				10.				3.	2.	
Potato Grower, 2-8-5	1.9							.1				8.				2.	3.	
X X X, 1-9-4	.9							.1				9.					4.	
Acid and Potash, 0-12-5												12.					5.	

* Sulphate.

FIRMS AND BRANDS	Ammonia											Phosphoric Acid—Available				Potash—Soluble		
	Sulphate	Nitrate of Soda	Tankage	Fish	Bone	Base Goods	Cyanamid	Garbage Tankage	Cocoa Shell Meal	Humus		Acid Phosphate	Tankage	Precipitated Phosphate	Base Goods	Muriate	Manure Salts	Kainit
Farmers & Planters Co., Salisbury, Md.																		
High Grade 7%, 7-6-5	2.	1.	2.	2.	....	....	....	....	....	....	....	6.	....	....	....	5.	....	....
High Grade 5%, 5-7-5	2.	....	2.	1.	....	....	....	....	....	....	....	7.	....	....	....	5.	....	....
Early Truck, 4-8-4	2.	....	1.	1.	....	....	....	....	....	....	....	8.	....	....	....	4.	....	....
Sweet Potato Special, 3-8-7	1.	....	1.	1.	....	....	....	....	....	....	....	8.	....	....	....	5.	2.	....
Fish and Potash, 2-8-10	1.	....	.5	.5	....	....	....	....	....	....	....	8.	....	....	....	10.	....	....
Special Fish Mixture, 2-8-5	1.	....	.5	.5	....	....	....	....	....	....	....	8.	....	....	....	3.	2.	....
Fish Mixture, 2-10-2	1.	....	.5	.5	....	....	....	....	....	....	....	10.	....	....	....	....	....	2.
General Crop Grower, 1-10-2	.5	....	.5	....	....	....	....	....	....	....	....	10.	....	....	....	....	....	2.
Special Potash Mixture, 0-12-5	....	....	....	....	....	....	....	....	....	....	....	12.	....	....	....	5.	....	....
Rock and Kainit, 0-7-5	....	....	....	....	....	....	....	....	....	....	....	7.	....	....	....	....	....	5.
F. and P. Acid Phosphate, 0-16-0	....	....	....	....	....	....	....	....	....	....	....	16.	....	....	....	....	....	....
Kainit, 0-0-12.40	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Ford Motor Co., Detroit, Mich.																		
Ford Ammonium Sulphate	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Grasselli Chemical Co., Cleveland, Ohio																		
Grasselli Odorless Plant Food, 5-13-4	5.	....	....	....	....	....	....	....	....	....	....	....	....	13.	....	4.	....	....
Griffith & Boyd Co., Baltimore, Md.																		
Double Strength Tobacco Grower, 3-9-3	.75	1.25	....	....	....	1.	....	....	....	....	....	7.5	....	....	1.5	....	....	*3.
Accomac Trucker, 5-6-5	1.25	1.25	1.	....	....	1.	.5	....	....	....	....	5.	....	....	1.	3.	2.	....
Truckers Special, 5-8-5	1.25	1.25	1.	....	....	1.	.5	....	....	....	....	7.	....	....	1.	3.	2.	....
General Crop Grower, 2-9-3	....	.5	.5	....	....	.75	.25	....	....	....	....	8.	....	....	1.	1.	2.	....
Growers Favorite, 4-8-4	.5	1.	1.	....	....	1.	.5	....	....	....	....	7.	....	....	1.	2.	2.	....
Special Potato Guano, 4-8-6	1.	1.	....	....	....	1.65	.35	....	....	....	....	7.	....	....	1.	3.	3.	....
Pure Fine Ground Bone Meal, 4½-20 T. P. A.	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
High Grade Fish and Potash Mixture, 2-12-8	....	.5	....	.5	....	.75	.25	....	....	....	....	11.	....	....	1.	8.	....	....

* Sulphate.

* Sulphate.

FIRMS AND BRANDS	Ammonia											Phosphoric Acid—Available				Potash—Soluble		
	Sulphate	Nitrate of Soda	Tankage	Fish	Bone	Base Goods	Cyanamid	Garbage Tankage	Cocoa Shell Meal	Humus		Acid Phosphate	Tankage	Fish	Base Goods	Muriate	Manure Salts	Kainit
Griffith & Boyd Co., Balto., Md.—Cont.																		
Special Formula, 2-10-4	.5	.5				.75	.25					9.			1.	2.	1.	1.
Kainit, 0-0-12.40																		
Lime Phosphate, 0-13-0												13.						
Fish, Blood and Potash, 1¾-10¼-2		.5				.5	.25	.5				9.75			.5	1.		1.
Fish and Potash Guano, 1¾-10-3		.5		.5		.5	.25					9.5			.5		1.	2.
Farmers Potato Manure, 1-8-6						.75	.25					7.25			.75	3.	3.	
Gilt Edge Crop Guano, 2-8-10	.5	.5				.75	.25					7.5			.5	10.		
Spring Crop Grower, 2½-8-4	.5	.5				1.		.5				7.			1.	3.	1.	
Special Guano, 2-8-5	.5	.5				.75	.25					7.			1.	3.	2.	
High Grade Acid Phosphate, 0-16-0												16.						
X X Potash Manure, 0-10-5												10.				1.	2.	2.
Special Grain Grower, 0-12-5												12.				1.	2.	2.
Royal Potash Guano, 1-9-4						.65	.35					8.			1.	2.	1.	1.
High Grade Economizer, 2-12-5	.5	.5				.75	.25					11.			1.	2.	2.	1.
Peerless Fertilizer, 1-10-3						.65	.35					9.			1.		1.	2.
Muriate of Potash, 0-0-48																		
Nitrate Soda, 18-0-0																		
7% Potato Guano, 7-6-5	1.5	3.5	1.25	.75								4.	1.	1.		3.	2.	
Griffith & Turner Co., Baltimore, Md.																		
Soft Ground Bone, 3-11 T. P. A.																		
Special Potato Fertilizer, 1-9-4			.5			.265	.235					8.			1.	2.	1.	1.
Ammoniated Butchers Bone, 1¼-9-1½			.75			.5						8.9	.1				1.5	
Ammoniated Alkaline Plant Food, 1-6½-1½			.5			.5						6.4	.1				1.5	
Gritco X L Plant Food, 5-8-3½		1.	1.5	.5		2.						7.8	.1	.1		1.5		2.
Special Truck Mixture, 4-8-6	.5	.5	.5	1.		1.5						7.8	.1	.1		3.	3.	
Tomato Grower, 2-8-5	.5	.5	1.									7.9	.1			3.	2.	

FIRMS AND BRANDS	Ammonia											Phosphoric Acid—Available				Potash—Soluble		
	Sulphate	Nitrate of Soda	Tankage	Fish	Bone	Base Goods	Cyanamid	Garbage Tankage	Cocoa Shell Meal	Humus		Acid Phosphate	Tankage	Fish	Base Goods	Muriate	Manure Salts	Kainit
Gro-Mor Plant Food Co., Westminster, Maryland																		
Gro-Mor Plant Food, 8-7-6	3.		5.									7.				6.		
Hagerstown Spray Material Co., Hagerstown, Md.																		
Nitrate of Soda, 18-0-0																		
Horsey, Roe & Co., Greensboro, Md.																		
Kainit, 0-0-12.40																		
Superphosphate, 0-16-0																		
Crop Grower, 1-9-4												16.						
Tomato F., 3-8-8						1.						6.			3.			4.
Corn Grower, 0-8-7	1.		1.			1.						5.			3.	6.5	1.5	
0-12-5												8.					3.	4.
2-8-5												12.					5.	
3-8-4	1.					1.						5.			3.		2.	3.
	1.5					1.5						3.5			4.5		1.5	2.5
Hubbard Fertilizer Co., Baltimore, Md.																		
Potato Fertilizer, 4-8-7	2.	.5	1.				.5					8.				7.		
2-12-4 Fertilizer	.5		1.				.5					12.					4.	
Farmers I. X. L., 2-9-3	.5		1.				.5					9.					1.	2.
Jersey Trucker, 2-8-10	.5		1.				.5					8.				10.		
Money Maker Fertilizer, 2-8-5	.5		1.				.5					8.				2.	3.	
1-9-4 Fertilizer			.5				.5					9.					4.	
Alkaline, 0-12-5												12.				2.	3.	
Super-Phosphate, 0-16-0												16.						
7% Royal Seal, 7-6-5	3.5	1.	2.				.5					6.				5.		
New 5% Seal, 5-8-5	1.5	1.	2.				.5					8.				5.		

FIRMS AND BRANDS	Ammonia											Phosphoric Acid—Available				Potash—Soluble		
	Sulphate	Nitrate of Soda	Tankage	Fish	Bone	Base Goods	Cyanamid	Garbage Tankage	Cocoa Shell Meal	Humus	Ammonium Sulphate Nitrate	Acid Phosphate	Tankage	Fish	Bone	Muriate	Manure Salts	Kainit
Huston, Culver & Co., Seaford, Del.																		
Huston Special, 1-9-4			1.									9.					4.	
Tomato Mixture, 2-8-5		.5	1.5									8.				2.5	2.5	
Sweet Potato Mixture, 3-8-8	.5	.5	1.	1.								8.				8.		
Acid Phosphate, 0-16-0												16.						
Trucker, 3-8-5	1.		1.	1.								8.				2.5	2.5	
Strawberry Mixture, 5-8-5	2.	1.	1.	1.								8.				5.		
Huston, Culver & Co. 7%, 7-6-5	3.5	1.5	1.	1.								6.				5.		
Truck Guano, 4-8-5	1.	1.	1.	1.								8.				2.5	2.5	
Double Potash Mixture, 0-12-5												12.				2.5	2.5	
Jarecki Chemical Co., Baltimore, Md.																		
Acid Phosphate, 0-16-0												16.						
Superphosphate, 0-20-0												20.						
Fertilizer, 0-10-4												10.					4.	
Fertilizer, 2-8-5	1.8		.2									8.					5.	
Fertilizer, 0-12-5												12.					5.	
Fertilizer, 1-9-4	.75		.25									9.					4.	
Fertilizer, 2-8-10	1.8		.2									8.				7.5	2.5	
Fertilizer, 2-12-2	1.8		.2									12.					2.	
Fertilizer, 2-16-8											2.	16.				8.		
Sweet Potato Grower, 3-8-8			.15	.15							2.7	8.				4.	4.	
Tomato Grower, 3-10-6			.15	.15							2.7	10.				2.	4.	
Fertilizer, 4-16-4											4.	16.				4.		
Truckers Favorite, 5-8-5			.35	.15							4.5	8.				5.		
7% Trucker, 7-6-5			.55	.15							6.3	6.				5.		
Supertrucker, 7-12-7											7.	12.				7.		
Raw Bone Meal, 4½-21½ T. P. A.																		
Nitrate of Soda, 18-0-0																		
Muriate of Potash, 0-0-48																		
Kainit, 0-0-12																		

FIRMS AND BRANDS	Ammonia											Phosphoric Acid—Available				Potash—Soluble		
	Sulphate	Nitrate of Soda	Tankage	Fish	Bone	Base Goods	Cyanamid	Garbage Tankage	Cocoa Shell Meal	Humus		Acid Phosphate	Tankage	Fish	Bone	Muriate	Manure Salts	Kainit
Maryland Milling & Supply Co., Sykesville, Md.																		
Phosphate and Potash, 0-12-5	....	....	....	....	....	....	....	....	....	....	....	12.	....	....	....	2.5	....	2.5
Warfields "Special", 1-8-4	....	....	1.	....	....	....	....	....	....	....	....	8.	....	....	....	2.	2.	....
"1927" Mixture, 2-12-5	....	1.	1.	....	....	....	....	....	....	....	....	12.	....	....	....	2.5	2.5	....
Newmans Favorite, 2-8-5	1.	1.	....	....	....	....	....	....	....	....	....	8.	....	....	....	2.5	....	2.5
Phosphate and Potash, 0-10-5	....	....	....	....	....	....	....	....	....	....	....	10.	....	....	....	2.5	....	2.5
High Grade Acid Phosphate, 0-16.36-0	....	....	....	....	....	....	....	....	....	....	....	16.36	....	....	....	....	....	....
Medford Fertilizer Works, Medford, Md.																		
1-8-5	.5	....	....	....	....	....	.25	.25	....	....	....	8.	....	....	....	....	....	5.
1-10-5	.5	....	....	....	....	....	.25	.25	....	....	....	10.	....	....	....	....	....	5.
2-8-5	.5	....	....	....	....	....	.5	1.	....	....	....	8.	....	....	....	2.5	2.5	....
Miller Fertilizer Co., Baltimore, Md.																		
Superphosphate, 0-16-0	....	....	....	....	....	....	....	....	....	....	....	16.	....	....	....	....	....	....
Vegetable Compound, 5-8-5	1.5	1.	2.	....	....	....	.5	....	....	....	....	8.	....	....	....	5.	....	....
No. 1 Potato and Vegetable Grower, 4-8-4	2.	.5	1.	....	....	....	.5	....	....	....	....	8.	....	....	....	....	4.	....
4-8-7	2.	.5	1.	....	....	....	.5	....	....	....	....	8.	....	....	....	7.	....	....
Pimlico, 2-8-10	.5	....	1.	....	....	....	.5	....	....	....	....	8.	....	....	....	10.	....	....
2-8-5	.5	....	1.	....	....	....	.5	....	....	....	....	8.	....	....	....	2.	3.	....
Harvest Queen, 1-9-4	....	....	.5	....	....	....	.5	....	....	....	....	9.	....	....	....	....	4.	....
Natural Guano Co., Aurora, Ill.																		
"Sheep's Head" Pulverized Sheep Manure, 2.73-1-2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
G. Ober & Sons Co., Baltimore, Md.																		
Standard Southern Vegetable Compound 7%, 7-6-5	2.82	.75	2.8	.13	....	....	.5	....	....	....	....	6.	....	....	....	5.	....	....
Fruit and Vine Truck Guano, 5-8-5	2.85	.75	.8	.1	....	....	.5	....	....	....	....	8.	....	....	....	5.	....	....

FIRMS AND BRANDS	Ammonia											Phosphoric Acid—Available				Potash—Soluble		
	Sulphate	Nitrate of Soda	Tankage	Fish	Bone	Base Goods	Cyanamid	Garbage Tankage	Cocoa Shell Meal	Humus		Acid Phosphate	Tankage	Fish	Bone	Muriate	Manure Salts	Kainit
G. Ober & Sons Co., Balto., Md.—Cont.																		
Special Plant Food, 2-9-5	.9	.3	...	.03	...	...	..5	.27	...	...	...	9.	...	...	...	4.5	...	* .5
Starkey Vegetable Compound, 4-8-10	2.3	.6	.35	.1	...	...	.5	.15	...	...	...	8.	...	...	...	10.	...	...
High Grade Acid Phosphate, 0-16-0	...	...	...	...	...	...	...	...	...	...	...	16.	...	...	...	...	...	...
Twelve and Five Potash Compound, 0-12-5	...	...	...	...	...	...	...	...	...	...	...	12.	...	...	...	4.5	...	* .5
Stag Guano, 1-9-4	.105	.15	...	.03	...	...	.5	.215	...	...	...	9.	...	...	...	3.5	...	* .5
Superior Potato and Vegetable Grower, 2-8-10	.9	.3	...	.03	...	...	.5	.27	...	...	...	8.	...	...	...	9.5	...	* .5
Sweet Potato Grower, 3-8-8	1.75	.45	...	.03	...	...	.5	.27	...	...	...	8.	...	...	...	7.5	...	* .5
Super Wheat and Grain Grower, 3-12-3	1.75	.45	...	.03	...	...	.5	.27	...	...	...	12.	...	...	...	2.5	...	* .5
Starkey Truck Compound, 4-8-5	2.3	.6	.35	.1	...	...	.5	.15	...	...	...	8.	...	...	...	5.	...	...
Special Tobacco Bed Fertilizer, 10-5-2	5.89	3.17	.4	.04	...	...	.5	...	...	...	...	5.	...	...	...	...	...	*2.
Peerless Fertilizer Co. Chestertown, Md.																		
Bone Special, ½-10-4	...	...	...	...	.5	...	...	...	...	...	...	10.	...	...	...	...	2.	2.
12 and 5 "Low Grade", 0-12-5	...	...	...	...	...	...	...	...	...	...	...	12.	...	...	...	1.67	3.33	...
Kainit, 0-0-12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Rock and Kainit "Low Grade", 0-8-6	...	...	...	...	...	...	...	...	...	...	...	8.	...	...	...	...	...	6.
American Standard, 4-6-5	1.6	.8	.8	.8	...	...	...	...	...	...	...	4.	...	2.	...	1.67	...	3.33
Peerless, 2-8-5	.8	.4	.4	.4	...	...	...	...	...	...	...	5.33	...	2.67	...	3.33	1.67	...
Sweet Potato, 2-7-7	.8	.4	.4	.4	...	...	...	...	...	...	...	4.67	...	2.33	...	2.33	4.67	...
Acid Phosphate, 0-16-0	...	...	...	...	...	...	...	...	...	...	...	16.	...	...	...	...	...	...
Fertilizer, 2-12-4	...	...	1.	...	1.	...	...	...	...	...	...	12.	...	...	...	4.	...	...
Fish Mixture, 3-8-7	1.2	.6	.6	.6	...	...	...	...	...	...	...	5.33	...	2.67	...	2.33	...	4.67
Imperial Compound, 1-9-4	...	.5	...	.5	...	...	...	...	...	...	...	6.75	...	2.25	...	.75	3.25	...
Early Trucker, 5-8-5	2.	1.	1.	1.	...	...	...	...	...	...	...	5.33	...	2.67	...	1.67	3.33	...

* Sulphate.

FIRMS AND BRANDS	Ammonia											Phosphoric Acid—Available				Potash—Soluble		
	Sulphate	Nitrate of Soda	Tankage	Fish	Bone	Base Goods	Cyanamid	Garbage Tankage	Cocoa Shell Meal	Humus		Acid Phosphate	Tankage	Fish	Bone	Muriate	Manure Salts	Tobacco Stems
Piedmont Mt. Airy Guano Co., Baltimore, Md.																		
Gold Rod, 7-6-5	3.25		2.			1.	.75					5.25	.75			5.		
Special Potato Guano, 6-6-7	3.		1.25			1.	.75					5.5	.5			7.		
5-8-5 Fertilizer	2.25		1.			1.	.75					7.6	.4			5.		
High Grade Vegetable Grower, 2-8-10	.75		.5			.5	.25					8.				10.		
Perfection Guano, 2-8-5	.75		.5			.5	.25					8.				5.		
Acid Phosphate, 0-16-0												16.						
Plant Products Co., Baltimore, Md.																		
Plantabbs, 13-15-20																		
Rasin-Monumental Co., Baltimore, Md.																		
Eastern Shore Potato Spec., 7-6-5	4.50		2.25	.25								6.				5.		
Seawall Truck Compound, 5-8-5	3.88		1.	.12								8.				5.		
High Grade Truck Compound, 4-8-7	2.88		1.	.12								8.				6.5		.5
Victoria H. G. Guano, 4-8-4	2.88		1.	.12								8.					3.5	.5
Best Tomato and Fruit Formula, 3-10-6	2.25		.65	.10								10.				4.28	1.35	.37
Hope Brand, 2-12-4	1.		1.									12.				3.3		.7
Royal Fish and Potash Mixture, 2-9-3	.55		1.1	.25	.1							9.					1.75	1.25
Vegetable Special, 2-8-10	1.08		.8	.12								8.					9.5	.5
Universal Crop Manure, 2-8-5	.88		1.	.12								8.					4.	1.
Double National Brand, 2-16-8	1.63			.1				.27				16.				4.55	3.25	.25
H. G. Potash Mixture, 0-12-5												12.					4.25	.75
Acid Phosphate, 0-16-0												16.						
Phosphate and Lime Mixture, 0-13-0												13.						
National Crop Compound, 1-9-4			.88	.12								9.					3.	1.
Double Royal Brand, 4-16-6	3.03		.85	.12								16.				5.5		.5

* Sulphate.

FIRMS AND BRANDS	Ammonia											Phosphoric Acid—Available				Potash—Soluble		
	Sulphate	Nitrate of Soda	Tankage	Fish	Bone	Base Goods	Cyanamid	Garbage Tankage	Cocoa Shell Meal	Hoof and Horn Meal	Hoof Meal	Acid Phosphate	Tankage	Fish	Bone	Muriate	Manure Salts	Kainit
Reindollar Co., Taneytown, Md.																		
Rock and Potash, 0-12-6												12.				6.		
Grain Grower, 2-10-5	.5	.5	1.									10.				5.		
Acid Phosphate, 0-16-0												16.						
W. E. Robinson & Co., Bel Air, Md.																		
Vegetable and Corn Grower, 3-8-3	2.						.5	.5				7.75	.25				3.	
Special Mixture, 2-8-5	1.						.5	.5				7.75	.25				5.	
F. S. Royster Guano Co. Baltimore, Md.																		
10% Tobacco Dresser, 10-5-2	3.6	1.4	4.9	.1								5.				2.		
Acid Phosphate, 0-16-0												16.						
2-16-8 Fertilizer	1.2		.3	.1							.4	16.				8.		
Trucker's Delight, 4-8-4	2.4		1.5	.1								8.				4.		
Banner Guano, 2-8-10	1.2		.7	.1								8.				5.	5.	
Arrow 7% Potato Guano, 7-6-5	3.4	1.	2.25	.35								6.				2.5	2.5	
Fish, Flesh and Fowl, 2-9-3	1.2		.7	.1								9.					3.	
Rational Guano, 1-9-4	.5		.5									9.					4.	
Bully Guano, 2-8-5	1.2		.7	.1								8.					5.	
Gem Guano, 2-12-4	1.2		.7	.1								12.				4.		
Verbena Guano, 5-8-5	3.		1.3	.1						.6		8.				2.5	2.5	
Ideal Guano, 3-8-8	1.8		1.1	.1								8.				3.	5.	
4-16-4 Fertilizer	2.5		1.2	.1							.2	16.				4.		
Vim Guano, 2-12-2	1.2		.46	.1				.24				12.					2.	
Phosphate and Potash, 0-12-5												12.					5.	
Comet Guano, 3-10-6	1.8		1.1	.1								10.				6.		
Genuine German Kainit, 0-0-12.40																		
Nitrate of Soda, 18.24-0-0																		
Muriate of Potash, 0-0-48																		
Raw Bone Meal, 4½-21.50 T. P. A.																		

FIRMS AND BRANDS	Ammonia											Phosphoric Acid—Available				Potash—Soluble		
	Sulphate	Nitrate of Soda	Tankage	Fish	Bone	Base Goods	Cyanamid	Garbage Tankage	Cocoa Shell Meal	Humus		Acid Phosphate	Tankage	Fish	Bone	Muriate	Manure Salts	Kainit
Summers Fertilizer Co., Inc., Baltimore, Md.																		
"Best on Earth" Phospho-Potash Mixture, 0-12-5	....	....	....	....	....	....	....	....	....	....	....	12.	....	....	....	....	5.	....
"Best on Earth" Corn and Grain Special, 1-9-4	.25	....	....	....	.75	....	....	....	....	....	....	9.	....	....	....	....	4.	....
"Best on Earth" Bone Potash Mixture, 1-14-5	.25	....	....	....	.75	....	....	....	....	....	....	14.	....	....	....	5.	....	....
"Best on Earth" All Crop Grower, 2-8-5	.5	....	1.	.5	....	....	....	....	....	....	....	8.	....	....	....	....	5.	....
"Best on Earth" Fertilizer, 2-8-10	.5	....	1.5	....	....	....	....	....	....	....	....	8.	....	....	....	7.	2.	1.
"Best on Earth" Wheat Special, 2-12-2	.5	....	.5	1.	....	....	....	....	....	....	....	12.	....	....	....	2.	....	....
"Best on Earth" Jones Favorite, 3-12-3	.5	....	.75	1.75	....	....	....	....	....	....	....	12.	....	....	....	3.	....	....
"Best on Earth" Fertilizer, 3-12-5	.5	....	.75	1.75	....	....	....	....	....	....	....	12.	....	....	....	3.	1.	1.
"Best on Earth" Truckers Favorite, 5-8-5	1.5	.75	1.5	1.25	....	....	....	....	....	....	....	8.	....	....	....	5.	....	....
"Best on Earth" Potato Special, 7-6-5	2.5	2.	1.5	1.	....	....	....	....	....	....	....	6.	....	....	....	5.	....	....
"Best on Earth" Acid Phosphate, 0-16-0	....	....	....	....	....	....	....	....	....	....	....	16.	....	....	....	....	....	....
"Best on Earth" Raw Bone, 4-20.60 T. P. A.	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
"Best on Earth" Nitrate of Soda, 18-0-0	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
"Best on Earth" Muriate of Potash, 0-0-48	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
"Best on Earth" Kainit, 0-0-12.40	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
R. H. Slingluff Fertilizer Co., Baltimore, Md.																		
10% Tobacco Bed Special with 2% Potash, 10-4-2	7.75	....	2.	....	....	....	....	.25	....	....	....	3.5	.5	....	....	....	....	*2.
Strasburger & Siegel, Baltimore, Md.																		
Super-Yield Culture	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....

* Sulphate.

FIRMS AND BRANDS	Ammonia											Phosphoric Acid—Available				Potash—Soluble		
	Sulphate	Nitrate of Soda	Tankage	Fish	Bone	Base Goods	Cyanamid	Garbage Tankage	Cocoa Shell Meal	Humus	Blood	Acid Phosphate	Tankage	Fish	Bone	Muriate	Manure Salts	Kainit
Stumpp & Walter Co., Baltimore, Md.																		
Raw Bone Fertilizer, 4½-20 T. P. A.																		
Emerald Grass Fertilizer, 3.65-5-3	1.83		1.46				.36					5.					3.	
General Garden, 4-8-3	1.6	1.	1.				.4					8.				3.		
Nitrate of Soda, 18.25-0-0																		
Pulverized Sheep Manure, 2½-1½-1½																		
Swift & Co., Baltimore, Md.																		
Red Steer, 2-16-8	1.		.4				.2				.4	16.				8.		
Red Steer, 4-8-4	1.6	1.	.5				.4				.5	8.				4.		
Red Steer, 5-8-5	2.	1.25	.62				.5				.63	8.				5.		
Raw Bone Meal Fertilizer, 4½-20 T. P. A																		
Bone Meal Fertilizer, 3-24 T. P. A.																		
Dried Fish Fertilizer, 10-1 T. P. A.																		
Red Steer, 10-5-2	4.	2.5	1.25				1.				1.25	5.					2.	
Red Steer, 3-8-3	1.5		.6				.3				.6	8.					3.	
Red Steer, 2-12-4	1.		.4				.2				.4	12.				4.		
Red Steer, 2-8-10	1.		.4				.2				.4	8.				10.		
Red Steer, 0-10-10												10.				10.		
Sulphate of Ammonia, 25-0-0																		
Vigorro, 4-12-4	2.6	1.								.4		12.				4.		
Kainit, 0-0-12.40																		
Muriate of Potash, 0-0-48																		
Nitrate of Soda, 18-0-0																		
Superphosphate (Acid Phosphate), 0-16-0												16.						
Red Steer, 0-12-5												12.				5.		
Red Steer, 1-9-4	.5		.2				.1				.2	9.				4.		
Red Steer, 2-8-5	1.		.4				.2				.4	8.				5.		
Red Steer, 2-9-2	1.		.4				.2				.4	9.					2.	
Red Steer, 2-12-2	1.		.4				.2				.4	12.					2.	
Red Steer, 2-16-8	1.		.4				.2				.4	16.				8.		

FIRMS AND BRANDS	Ammonia											Phosphoric Acid—Available				Potash—Soluble		
	Sulphate	Nitrate of Soda	Tankage	Fish	Bone	Base Goods	Cyanamid	Garbage Tankage	Cocoa Shell Meal	Air Nitrogen	Blood	Acid Phosphate	Tankage	Fish	Treated Phosphate Rock	Muriate	Muriate and Nitrate	Sulphate
Swift & Co., Baltimore, Md.,—Cont.																		
Red Steer, 3-8-5	1.5		.6				.3				.6	8.				5.		
Red Steer, 3-8-8	1.5		.6				.3				.6	8.				8.		
Red Steer, 3-10-6	1.5		.6				.3				.6	10.				6.		
Red Steer, 4-8-7	1.6	1.	.5				.4				.5	8.				7.		
Red Steer, 4-12-4	1.6	1.	.5				.4				.5	12.				4.		
Red Steer, 4-16-4	1.6	1.	.5				.4				.5	16.				4.		
Red Steer, 7-6-5	2.8	1.75	.87				.7				.88	6.				5.		
Red Steer, 10-5-0	4.	2.5	1.25				1.				1.25	5.						
Tankage, 6-12 T. P. A.																		
Tankage, 9-1 T. P. A.																		
Synthetic Nitrogen Products Corp., New York, N. Y.																		
Urea B. A. S. F. (Floranid) 58.36-0-0																		
Calcium Nitrate B. A. S. F. (Nitrate of Lime) 18.24-0-0																		
Nitrophoska, 15-30-15										15.					30.		15.	
I. P. Thomas & Son Co., Philadelphia, Pennsylvania																		
Kainit, 0-0-12.40																		
Acid Phosphate, 0-16-0												16.						
Fish Mixture, 1-9-4	.7		.3									9.				4.		
Potash Mixture, 0-12-5												12.				5.		
10% Sweet Potato, 2-8-10	1.5		.5									8.						10.
Sweet Potato Fertilizer, 3-8-8	2.	.5	.5									8.				8.		
Thomas' Fish and Potash Fert., 5-8-5	3.5	.5	.25	.25			.5					8.				5.		
7% Guano, 7-6-5	5.	.5	.5	.5			.5					6.				5.		
Victor Potash Fertilizer, 2-8-5	1.5		.5									8.				5.		

FIRMS AND BRANDS	Ammonia											Phosphoric Acid—Available				Potash—Soluble		
	Sulphate	Nitrate of Soda	Tankage	Fish	Bone	Base Goods	Cyanamid	Garbage Tankage	Cocoa Shell Meal	Humus	Poultry Manure	Acid Phosphate	Tankage	Fish	Bone	Muriate	Manure Salts	Kainit
Thomas & Co., Gaithersburg, Md.																		
Harvest Queen, 1¼-10-2		.5	.5				.25					10.					2.	
Crop Grower, 1-8-1			1.									8.					1.	
Alkaline Bone, 0-12-5												12.					5.	
Blood and Bone, 2-8-2		.4	.7		.4		.5					8.					2.	
Wheat and Grass Grower, 2-8-5			1.1		.4		.5					8.				2.5	2.5	
Excelsior, 2-12-3			1.1		.4		.5					12.					3.	
Acid Phosphate, 0-16-0												16.						
Wm. B. Tilghman Co., Salisbury, Md.																		
Irish P Guano, 7-6-5	4.5	.5	.5	1.							.5	5.2	.5	.3		4.	1.	
Topdresser, 6-6-6	3.	2.4									.6	6.				6.		
Early Truck Guano, 5-8-5	3.5		.3	.8							.4	7.2	.5	.3		5.		
Mixture "A", 4-8-10	2.5		.4	.7							.4	7.5	.3	.2		10.		
Melon Mixture, 4-8-6	1.			2.6							.4	7.		1.		6.		
Mixture "B", 4-8-4	2.4		.4	.8							.4	7.5	.3	.2		3.	1.	
"S P" Mixture, 3-8-8	1.8		.3	.6							.3	7.6	.2	.2		8.		
High Grade Potash Mixture, 2-8-10	1.		.2	.5							.3	7.6	.2	.2		10.		
Bone Tankage Mixture, 2-12-4	1.2		.8									11.6	.4			4.		
Standard, 2-8-5	1.		.2	.4				.2			.2	7.6	.2	.2		2.5	2.5	
Special Grain Fertilizer, 1-10-5	.5		.3					.2				9.8	.2			3.	2.	
Phosphate and Potash, 0-12-5												12.				4.		1.
Nitrate of Soda, 18-0-0																		
Kainit, 0-0-12.40																		
Muriate of Potash, 0-0-50																		
Pure Raw Bone Meal, 4½-21½ T. P. A.																		
Super Phosphate (Acid Phosphate), 0-16-0												16.						

FIRMS AND BRANDS	Ammonia											Phosphoric Acid—Available				Potash—Soluble		
	Sulphate	Nitrate of Soda	Tankage	Fish	Bone	Base Goods	Cyanamid	Garbage Tankage	Cocoa Shell Meal	Humus	Acidulated Animal Base	Acid Phosphate	Tankage	Fish	Bone	Muriate	Manure Salts	Sulphate
F. W. Tunnell & Co., Inc., Philadelphia, Pa.																		
Acid Phosphate, 0-16-0	....	....	....	....	....	....	....	....	....	....	....	16.	....	....	....	....	....	....
Potash Manure, 0-12-5	....	....	....	....	....	....	....	....	....	....	....	12.	....	....	....	3.	2.	....
Virginia Potato Manure, 7-6-5	3.25	1.5	1.25	....	....	....	1.	....	....	....	....	5.	1.	....	....	5.	....	....
Nassau County Potato Manure, 5-8-5	2.	1.	1.5	....	....	....	.5	....	....	....	....	7.	1.	....	....	5.	....	....
Excelsior Potato Manure, 4-8-4	1.5	.5	1.5	....	....	....	.5	....	....	....	....	7.	1.	....	....	4.	....	....
Fish Manure with Potash, 2-10-6	.75	....	.5	.25	....	....	.5	....	....	....	....	8.	2.	....	....	6.	....	....
Red Diamond Potato and Truck Guano, 2-8-10	.75	....	.75	....	....	....	.5	....	....	....	....	7.	1.	....	....	10.	....	....
Veribest Cereal Manure, 2-8-5	.5	....	1.5	....	....	....	....	....	....	....	....	7.	1.	....	....	5.	....	....
Wheat and Cereal Manure, 1-9-4	....	....	1.	....	....	....	....	....	....	....	....	7.5	1.5	....	....	2.	2.	....
Tunnell's Special, 1-8-6	....	....	1.	....	....	....	....	....	....	....	....	7.	1.	....	....	3.	3.	....
United States Guano Co., Baltimore, Maryland.																		
Old Reliable, 1¼-9-3	.62	....	....	....	....	....	....	....	....	....	.63	9.	....	....	....	1.5	....	1.5
Jumbo Potato Grower, 7-6-5	3.5	....	....	2.	....	....	....	....	....	....	1.5	6.	....	....	....	2.5	....	2.5
Muriate of Potash, 0-0-48	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Raw Bone Meal, 4½-22 T. P. A.	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Bone Meal, 3-22 T. P. A.	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Nitrate of Soda, 18-0-0	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Accomac Peninsula King, 5-8-5	2.5	....	....	....	....	....	....	....	....	....	2.5	8.	....	....	....	2.5	....	2.5
Evergreen Fish Guano, 4-8-4	2.	....	....	....	....	....	....	....	....	....	2.	8.	....	....	....	2.	....	2.
Service Mixture, 2-12-6	1.	....	....	....	....	....	....	....	....	....	1.	12.	....	....	....	3.	....	3.
General Use Guano, 2-12-4	1.	....	....	....	....	....	....	....	....	....	1.	12.	....	....	....	2.	....	2.
Mammoth Potato Grower, 2-8-10	1.	....	....	....	....	....	....	....	....	....	1.	8.	....	....	....	5.	....	5.
Mammoth Truck Grower, 2-8-5	1.	....	....	....	....	....	....	....	....	....	1.	8.	....	....	....	2.5	....	2.5
Old Fertility, 2-8-3	1.	....	....	....	....	....	....	....	....	....	1.	8.	....	....	....	1.5	....	1.5
High Grade Phosphate and Potash, 0-12-5	....	....	....	....	....	....	....	....	....	....	....	12.	....	....	....	2.5	....	2.5
Lime Phosphate, 0-13-0	....	....	....	....	....	....	....	....	....	....	....	13.	....	....	....	....	....	....

FIRMS AND BRANDS	Ammonia											Phosphoric Acid—Available				Potash—Soluble		
	Sulphate	Nitrate of Soda	Tankage	Fish	Bone	Base Goods	Cyanamid	Garbage Tankage	Cocoa Shell Meal	Humus	Animal Base	Acid Phosphate	Tankage	Fish	Bone	Muriate	Manure Salts	Kainit
United States Guano Co., Baltimore, Maryland—Cont.																		
Acid Phosphate, 0-20-0												20.						
Acid Phosphate, 0-18-0												18.						
Acid Phosphate, 0-16-0												16.						
Kainit, 0-0-12.40																		
Ground Animal Tankage, 9-9.15 T. P. A.																		
Urbana Laboratories, Urbana, Ill.																		
Urbana Culture																		
Valliant Fertilizer Co., Laurel, Del.																		
Acid Phosphate, 0-16-0												16.						
Progress, 3-8-8	1.25		.5	.25				.25			.75	8.				8.		
Fam-us, 1-9-4	.5							.25			.25	9.					1.	3.
Big 4, 4-8-4	2.25		.75					.2			.8	8.				2.	2.	
Diamond, 2-8-5	1.		.3					.2			.5	8.				2.	3.	
Arcadia, 5-8-5	3.5			.3				.2			1.	8.				3.	2.	
Jewel, 7-6-5	4.6		.25	.25				.2			1.7	6.				3.	2.	
Winner, 4-8-10	2.2		.5	.5							.8	8.				9.25	.75	
W. H. Valliant & Bro., Bellevue, Md.																		
1-8-4 Phosphate				1.								8.				4.		
Lime and Potash, 0-0-5																	5.	
Corn Special, 3-0-5	1.	1.		1.													5.	
Fish Special. 2-8-6	.5	.5		1.								8.				6.		
0-12-5 Phosphate												12.					5.	
Acid Phosphate, 0-16-0												16.						

FIRMS AND BRANDS	Ammonia											Phosphoric Acid—Available				Potash—Soluble		
	Sulphate	Nitrate of Soda	Tankage	Fish	Bone	Base Goods	Cyanamid	Garbage Tankage	Cocoa Shell Meal	Humus	Cotton Seed Meal	Acid Phosphate	Tankage	Fish	Bone	Muriate	Manure Salts	Tobacco Stems
Virginia-Carolina Chemical Corp., Baltimore, Md.																		
American 7-6-5 Fertilizer	4.5	.....	2.25	.25	.....	.....	.....	.....	.....	.....	.....	6.	.....	.....	.....	5.	.....	.....
American Truckers Special, 5-8-5	3.88	.....	1.	.12	.....	.....	.....	.....	.....	.....	.....	8.	.....	.....	.....	5.	.....	.....
American Vegetable Special, 4-8-4	2.88	.....	1.	.12	.....	.....	.....	.....	.....	.....	.....	8.	.....	.....	.....	.....	3.5	.5
American Panacea Guano, 2-12-4	1.	.....	1.	.....	.....	.....	.....	.....	.....	.....	.....	12.	.....	.....	.....	3.3	.....	.7
American Fish and Potash Compound, 2-9-3	.55	.....	1.1	.25	.1	.....	.....	.....	.....	.....	.....	9.	.....	.....	.....	.....	1.75	1.25
American Prize Guano, 2-8-10	1.08	.....	.8	.12	.....	.....	.....	.....	.....	.....	.....	8.	.....	.....	.....	.....	9.5	.5
American Excelsior Guano, 2-8-5	.88	.....	1.	.12	.....	.....	.....	.....	.....	.....	.....	8.	.....	.....	.....	.....	4.	1.
American H. G. Potash Mixture, 0-12-5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	12.	.....	.....	.....	.....	4.25	.75
American H. G. Acid Phosphate, 0-16-0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	16.	.....	.....	.....	.....	.....	.....
American Double Special Brand, 4-16-6	3.03	.....	.85	.12	.....	.....	.....	.....	.....	.....	.....	16.	.....	.....	.....	5.5	.....	.5
American Champion Grain Grower, 1-9-4	.....	.....	.88	.12	.....	.....	.....	.....	.....	.....	.....	9.	.....	.....	.....	.....	3.	1.
V-C Tobacco Bed Special, 10-5-0	4.55	4.25	1.2	.....	.....	.....	.....	.....	.....	.....	.....	5.	.....	.....	.....	.....	.....	.....
V-C Fairway Fertilizer, 8-6-5	4.82	.....	.68	.....	.....	.....	.5	.....	.....	.....	2.	6.	.....	.....	.....	5.	.....	.....
V-C 7% Truck Fertilizer, 7-6-5	4.5	.....	2.25	.25	.....	.....	.....	.....	.....	.....	.....	6.	.....	.....	.....	5.	.....	.....
V-C Virginia Trucker, 5-8-5	3.88	.....	1.	.12	.....	.....	.....	.....	.....	.....	.....	8.	.....	.....	.....	5.	.....	.....
V-C Double Owl Brand, 4-8-7	2.88	.....	1.	.12	.....	.....	.....	.....	.....	.....	.....	8.	.....	.....	.....	6.5	.....	.5
V-C XXXX Fish and Potash, 4-8-4	2.88	.....	1.	.12	.....	.....	.....	.....	.....	.....	.....	8.	.....	.....	.....	.....	3.5	.5
V-C Sweet Potato Special, 3-8-8	2.35	.....	.53	.12	.....	.....	.....	.....	.....	.....	.....	8.	.....	.....	.....	.....	7.66	.34
V-C Owl Brand Fertilizer, 2-12-4	1.	.....	1.	.....	.....	.....	.....	.....	.....	.....	.....	12.	.....	.....	.....	3.3	.....	.7
V-C Valley Pride, 2-12-2	.88	.....	1.	.12	.....	.....	.....	.....	.....	.....	.....	12.	.....	.....	.....	1.31	.....	.69
V-C Fish, Bone and Potash, 2-9-3	.55	.....	1.1	.25	.1	.....	.....	.....	.....	.....	.....	9.	.....	.....	.....	.....	1.75	1.25
V-C Indian Brand Fertilizer, 2-8-10	1.08	.....	.8	.12	.....	.....	.....	.....	.....	.....	.....	8.	.....	.....	.....	.....	9.5	.5
V-C Universal Crop Manure, 2-8-5	.88	.....	1.	.12	.....	.....	.....	.....	.....	.....	.....	8.	.....	.....	.....	.....	4.	1.
V-C High Grade Potash Mixture, 0-12-5	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	12.	.....	.....	.....	.....	4.25	.75
V-C Acid Phosphate, 0-16-0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	16.	.....	.....	.....	.....	.....	.....
Pure Raw Bone, 4½-21.51 T. P. A.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Fine Ground Bone, 3-22.88 T. P. A.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Genuine Imported Kainit, 0-0-12.40	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

FIRMS AND BRANDS	Ammonia											Phosphoric Acid—Available				Potash—Soluble		
	Sulphate	Nitrate of Soda	Tankage	Fish	Bone	Base Goods	Cyanamid	Garbage Tankage	Ammonium Phosphate	Cotton Seed Meal	Cocoa Meal	Acid Phosphate	Tankage	Amonium Phosphate.	Base Goods	Muriate	Manure Salts	Sulphate
Virginia-Carolina Chemical Corp., Baltimore, Md.,—Cont.																		
Muriate of Potash, 0-0-48	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Nitrate of Soda, 18-0-0	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
V-C Star Brand Fertilizer, 1-9-4	....	....	.88	.12	....	....	....	....	....	....	....	9.	....	....	....	....	3.	†1.
"Bloomaid" Tablet Form, 12-14-6	8.18	....	....	....	....	....	....	....	3.82	....	....	....	....	14.	....	....	....	6.
"Bloomaid" Liquid Form, 12-14-6	2.69	6.	....	....	....	....	....	....	3.31	....	....	....	....	14.	....	....	....	6.
"Bloomaid", 6-10-4	2.2	1.9	1.2	....	....	....	....	....	....	.7	....	10.	....	....	....	....	....	4.
Westminster Fertilizer Co., Westminster, Md.																		
Acid Phosphate, 0-16-0	....	....	....	....	....	....	....	....	....	....	....	16.	....	....	....	....	....	....
Super-A, 1-10-2	.375	.125	.15	....	....	....	....	.175	....	....	.175	10.	....	....	....	....	2.	....
Leader, 1-9-4	.375	.125	.15	....	....	....	....	.175	....	....	.175	9.	....	....	....	1.	3.	....
2-8-5	1.	.25	.25	....	....	....	....	.25	....	....	.25	8.	....	....	....	2.	3.	....
Worcester Fertilizer Co., Inc., Snow Hill, Md.																		
Correct Plant Food Mixture, 7-6-5	3.75	.9	1.2	.45	....	.45	.25	....	....	....	....	4.8	....	....	1.2	5.	....	....
Correct Plant Food Mixture, 5-8-5	3.	.45	.75	.3	....	.25	.25	....	....	....	....	7.1	....	....	.9	5.	....	....
Acid Phosphate, 0-16-0	....	....	....	....	....	....	....	....	....	....	....	16.	....	....	....	....	....	....
York Chemical Works, York, Pa.																		
Acid Phosphate, 0-20-0	....	....	....	....	....	....	....	....	....	....	....	20.	....	....	....	....	....	....
Four-Sixteen-Ten, 4-16-10	3.5	....	....	....	....	....	....	.5	....	....	....	16.	....	....	....	10.	....	....
Twelve and Five, 0-12-5	....	....	....	....	....	....	....	....	....	....	....	12.	....	....	....	....	5.	....
Standard, 2-8-5	1.	.5	....	....	....	....	....	.5	....	....	....	8.	....	....	....	....	5.	....
Two-Twelve-Four, 2-12-4	1.	.5	....	....	....	....	....	.5	....	....	....	12.	....	....	....	1.	3.	....
Acid Phosphate, 0-16-0	....	....	....	....	....	....	....	....	....	....	....	16.	....	....	....	....	....	....
Garden Fertilizer, 5-8 5	5.	....	....	....	....	....	....	....	....	....	....	8.	....	....	....	....	....	5.
Standard Potash, 1-9-4	.5	.5	....	....	....	....	....	....	....	....	....	9.	....	....	....	....	4.	....

† Tobacco Stems.

Standard Potash, 1-9-4	.5	.5	.....	.....	.....	.....	.....	.....	.....	.....	.....	9.	.....	.....	.....	.....	4.	.....

† Tobacco Stems.